

Nuri Sami Koral
(1908-1990)

Prelüd ve Dans
(1952)
orkestra için

Orkestrasyon

Pikolo Flüt (1. bölüm)
2 Flüt
2 Obua
Korangle (1. bölüm)
2 Klarinet
Bas Klarinet (1. bölüm)
2 Fagot
Kontrafagot (1. bölüm)
3 Korno
2 Trompet
2 Trombon
Tuba (1. bölüm)
Timpani,
Zil, Glockenspiel (1. bölüm)
Tambour de Basque, Gran Cassa (2. bölüm)
Arp (1. bölüm)
I. Keman
II. Keman
Viyola
Çello
Kontrabas

Prelüd ve Dans

(1952)

I - Prelüd

Pastoral

Nuri Sami Koral
(1908-1990)

Adagio ♩ = 60

The musical score is arranged in a standard orchestral format with the following parts and markings:

- Piccolo:** Enters in the third measure with a *mf* dynamic.
- Flutes 1,2:** Enters in the third measure with a *mf* dynamic.
- Oboes 1,2:** Enters in the third measure with a *mf* dynamic.
- Cor Anglais:** Solo part starting in the second measure with a *mf* dynamic.
- Clarinets in Bb 1,2:** Enters in the third measure with a *mp* dynamic.
- Bass Clarinet in Bb:** Enters in the third measure with a *p* dynamic.
- Bassoons 1,2:** Enters in the second measure with a *mp* dynamic.
- Contrabassoon:** Enters in the third measure with a *p* dynamic.
- Horns in F 1,2:** Silent throughout.
- Horn in F 3:** Enters in the second measure with a *mp* dynamic, marked "con sord.".
- Trumpets in C 1,2:** Enters in the second measure with a *mp* dynamic, marked "con sord.".
- Trombones 1,2:** Silent throughout.
- Tuba:** Silent throughout.
- Timpani (C-G):** Enters in the first measure with a *mf* dynamic.
- Cymbals:** Silent throughout.
- Glockenspiel:** Silent throughout.
- Harp:** Enters in the first measure with a *mf* dynamic.
- Violin I:** Enters in the first measure with a *mf* dynamic, featuring triplets and a sextuplet.
- Violin II:** Enters in the first measure with a *mf* dynamic, marked "div.", featuring triplets and a sextuplet.
- Viola:** Enters in the second measure with a *p* dynamic, featuring triplets.
- Violoncello:** Enters in the second measure with a *p* dynamic.
- Double Bass:** Enters in the second measure with a *p* dynamic.

11 rit.

Picc.

2 Fl. 1,2

2 Ob. 1,2

C. A.

2 Cl. 1,2

B. Cl.

2 Bsn.

Cbsn.

Hn. 1,2

Hn. 3

Tpt. 1,2

Tbn. 1,2

Tba.

Timp.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

mp

dim.

f

poco a poco dim.

senza sord.

rit.

23

Picc.

2 Fl. 1,2

2 Ob. 1,2

C. A.

2 Cl. 1,2

B. Cl.

2 Bsn.

Cbsn.

Hn. 1,2

Hn. 3

Tpt. 1,2

Tbn. 1,2

Tba.

Timp.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

26 poco rit. A Tempo

Instrumentation: Picc., 2 Fl. 1,2, 2 Ob. 1,2, C. A., 2 Cl. 1,2, B. Cl., 2 Bsn., Cbsn., Hn. 1,2, Hn. 3, Tpt. 1,2, Tbn. 1,2, Tba., Timp., Cym., Hp., Vln. I, Vln. II, Vla., Vc., Db.

Tempo: poco rit. A Tempo

Dynamic Markings: *mp*, *mf*, *f*, *mf marc.*

Rhythmic Features: Triplets (3), Sextuplets (6), Baguette (Cym.)

43

Picc.

2 Fl. 1,2

2 Ob. 1,2

C. A.

2 Cl. 1,2

B. Cl.

2 Bsn.

Cbsn.

Hn. 1,2

Hn. 3

Tpt. 1,2

Tbn. 1,2

Tba.

Timp.

Cym. Baguette

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

f

ff

tr

3

5

47

Picc.
2 Fl. 1,2
2 Ob. 1,2
C. A.
2 Cl. 1,2
B. Cl.
2 Bsn.
Cbsn.
Hn. 1,2
Hn. 3
Tpt. 1,2
Tbn. 1,2
Tba.
Timp.
Hp.
Vln. I
Vln. II
Vla.
Vc.
Db.

f *f* *f* *p* *p* *p* *p*

poco rit.

3 A Tempo

51

Picc.

2 Fl. 1,2

2 Ob. 1,2

C. A.

2 Cl. 1,2

B. Cl.

2 Bsn.

Cbsn.

Hn. 1,2

Hn. 3

Tpt. 1,2

Tbn. 1,2

Tba.

Timp.

Glock.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

(1)

mp

(1) solo

mf espressivo

p

con sord.

p

p

mf

mf

pizz.

pizz.

pizz.

pizz.

pizz.

pizz.

5

5

5

56

Picc.

2 Fl. 1,2

2 Ob. 1,2

C. A.

2 Cl. 1,2

B. Cl.

2 Bsn.

Cbsn.

Hn. 1,2

Hn. 3

Tpt. 1,2

Tbn 1,2

Tba.

Timp.

Glock.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

con sord. (1) 3

p

con sord. (1) 3

p

con sord. (1) 3

p

(D-G)

p 3

arco

p

arco

p

arco

mf

p

p

61

Picc.

2 Fl. 1,2

2 Ob. 1,2

C. A.

2 Cl. 1,2

B. Cl.

2 Bsn.

Cbsn.

Hn. 1,2

Hn. 3

Tpt. 1,2

Tbn. 1,2

Tba.

Timp.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

(1) *mf*

(1) solo *mf espressivo*

p

(1) *mf*

con sord. (2) *mf*

(1) con sord. *mf*

pp

pp

65

Picc.

2 Fl. 1,2

2 Ob. 1,2

C. A.

2 Cl. 1,2

B. Cl.

2 Bsn.

Cbsn.

Hn. 1,2

Hn. 3

Tpt. 1,2

Tbn. 1,2

Tba.

Timp.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

75

Picc.

2 Fl. 1,2

2 Ob. 1,2

C. A.

2 Cl. 1,2

B. Cl.

2 Bsn.

Cbsn.

Hn. 1,2

Hn. 3

Tpt. 1,2

Tbn. 1,2

Tba.

Timp.

Glock.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

89 poco rit.

Picc.

2 Fl. 1,2

2 Ob. 1,2

C. A.

2 Cl. 1,2

B. Cl.

2 Bsn. *mf* 3

Cbsn. *mf* 3

Hn. 1,2 *mf* 3

Hn. 3 *mf* 3

Tpt. 1,2 *mf* 3

Tbn. 1,2 *mf* 3

Tba. *mf* 3

Timp. *mf* 3

Cym.

Glock.

Hp. *mf* simile

Vln. I 6 5

Vln. II 6 5

Vla. 6 3

Vc. *dim.*

Db. 3 *dim.*

92 A Tempo

This page of a musical score, measures 92-94, features a variety of instruments. The woodwinds include Piccolo, Flutes (1, 2), Oboes (1, 2), Cor Anglais, Clarinets (1, 2), Bass Clarinet, Bassoons (1, 2), and Contrabassoon. The brass section consists of Horns (1, 2, 3), Trumpets (1, 2), Trombones (1, 2), and Tuba. Percussion includes Timpani, Cymbals, and Glockenspiel. The keyboard part is for Harpsichord. The string section includes Violins I and II, Viola, Violoncello, and Double Bass. The score is marked with dynamics such as *f*, *mf*, and *ff*, and includes various musical notations like triplets, sixteenth-note runs, and slurs. The tempo is indicated as 'A Tempo'.

95 *poco accel.*

Instrumentation: Picc., 2 Fl. 1,2, 2 Ob. 1,2, C. A., 2 Cl. 1,2, B. Cl., 2 Bsn., Cbsn., Hn. 1,2, Hn. 3, Tpt. 1,2, Tbn. 1,2, Tba., Timp., Cym., Glock., Hp., Vln. I, Vln. II, Vla., Vc., Db.

Dynamic Markings: *ff*, *f*, *mf*, *cresc. simile*

Performance Instructions: *poco accel.*, *cresc. simile*

Other Notations: *6* (sextuplets), *3* (triplets)

98

Picc. *6*

2 Fl. 1,2 *6*

2 Ob. 1,2 *6* (1)

C. A. *6*

2 Cl. 1,2 *6*

B. Cl. *6*

2 Bsn. *mf*

Cbsn. *mf*

Hn. 1,2 *mf*

Hn. 3 *mf*

Tpt. 1,2 *mf*

Tbn. 1,2 *mf*

Tba. *mf*

Timp. *p*

Cym. *mf*

Glock. *3*

Hp. *3*

Vln. I *3*

Vln. II *3*

Vla. *3*

Vc. *3*

Db. *3*

101

Picc. *mf* 6 6 *mf* 6 *mp* 6

2 Fl. 1,2 *mf* 6 6 *mf* 6 *mp* 6

2 Ob. 1,2 *mf* 6 6 *mf* 6 6

C. A.

2 Cl. 1,2 6 6 6 6 *mp* 6 6

B. Cl.

2 Bsn. *mp*

Cbsn. *mp*

Hn. 1,2 *mf* *mp* *mf* *mp*

Hn. 3 *mf* *mp* *mf* *mp*

Tpt. 1,2 *mf* *mp* *mf* *mp*

Tbn 1,2 *mf* *mp* *mf* *mp*

Tba. *mf* *mp* *mf* *mp*

Timp. *mp* 3 *mf* 3 *mp*

Cym.

Glock. 3 3 3 3 3 3 3 3

Hp. 3 3 3 3 3 3 3 3

Vln. I 3 3 3 3 *mp* 3

Vln. II 3 3 3 3 *mp* 3

Vla. 3 3 3 3 *mp* 3

Vc. 3 3 3 3 *mp* 3

Db. *mp*

A Tempo

103

Picc.

2 Fl. 1,2

2 Ob. 1,2

C. A.

2 Cl. 1,2

B. Cl.

2 Bsn.

Cbsn.

Hn. 1,2

Hn. 3

Tpt. 1,2

Tbn 1,2

Tba.

Timp.

Cym.

Glock.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

p

pp

mf

f

pp con sord.

dim.

(G-E)

6

(2)

3

107 **6**

Picc.

2 Fl. 1,2

(1) solo *mf*

2 Ob. 1,2

C. A. *mf*

2 Cl. 1,2

B. Cl. *mf* *dim.* *p*

2 Bsn. *mf* *dim.* *p*

Cbsn. *mp*

Hn. 1,2 *con sord.* *p* *mp* *p*

Hn. 3 *p* *mp* *p*

Tpt. 1,2 *con sord.* *p* *mp* *p*

Tbn. 1,2 *con sord.* *p* *mp* *p*

Tba. *p*

Timp.

Cym.

Glock.

Hp. *mp* *mf* *p*

Vln. I *cresc. ...* *dim.* *p*

Vln. II *cresc. ...* *p*

Vla. *cresc. ...* *p*

Vc. *cresc. ...* *p*

Db. *cresc. ...* *p*

III

Picc.

2 Fl. 1,2 (2) *mf*

2 Ob. 1,2 (2) *mf* *pp* *dim.*

C. A. *mf* *mf* *pp*

2 Cl. 1,2 *mf* *mf* *pp*

B. Cl. *mf* *mf* *pp*

2 Bsn. *mf* *mf* *pp*

Cbsn. *mf* *mf* *pp*

Hn. 1,2 (1) *mf* *mf* *pp*

Hn. 3 *mf* *mf* *pp*

Tpt. 1,2 *mf* *mf* *pp*

Tbn. 1,2 *mf* *mf* *pp*

Tba. *mf* *mf*

Timp. (A-E) *mf*

Cym.

Glock.

Hp. *mf* *pp* *f*

Vln. I *mp* *mp* *dim.*

Vln. II *mp* *mp* *dim.*

Vla. *mp* *mp* *dim.*

Vc. *mp* *mp* *dim.*

Db. *mf* *p* *dim.*

117 A Tempo

7

This page of a musical score, numbered 117, is marked 'A Tempo' and contains measure 7. The score is for a full orchestra and strings. The instruments and their parts are as follows:

- Picc.**: Piccolo flute, rests.
- 2 Fl. 1,2**: Flutes, first and second, playing a melodic line with a forte (*f*) dynamic, featuring a quintuplet and a triplet.
- 2 Ob. 1,2**: Oboes, first and second, playing a melodic line with a fortissimo (*ff*) dynamic, featuring a triplet.
- C. A.**: Clarinet in A, playing a melodic line with a fortissimo (*ff*) dynamic, featuring a triplet.
- 2 Cl. 1,2**: Clarinets, first and second, playing a melodic line with a fortissimo (*ff*) dynamic, featuring a triplet.
- B. Cl.**: Bass Clarinet, playing a melodic line with a sforzando (*sfz*) dynamic, featuring a triplet.
- 2 Bsn.**: Bassoons, first and second, playing a melodic line with a sforzando (*sfz*) dynamic, featuring a triplet.
- Cbsn.**: Contrabassoon, playing a melodic line with a sforzando (*sfz*) dynamic, featuring a triplet.
- Hn. 1,2**: Horns, first and second, playing a melodic line with a sforzando (*sfz*) dynamic, featuring a triplet.
- Hn. 3**: Horn, third, playing a melodic line with a sforzando (*sfz*) dynamic, featuring a triplet.
- Tpt. 1,2**: Trumpets, first and second, playing a melodic line with a sforzando (*sfz*) dynamic, featuring a triplet, marked 'senza sord.' (without mutes).
- Tbn 1,2**: Trombones, first and second, playing a melodic line with a sforzando (*sfz*) dynamic, featuring a triplet.
- Tba.**: Trombone, third, playing a melodic line with a sforzando (*sfz*) dynamic, featuring a triplet.
- Timp.**: Timpani, playing a rhythmic pattern with a sforzando (*sfz*) dynamic in the first measure, *mf* in the second, and *f* in the third.
- Cym.**: Cymbals, playing a rhythmic pattern with a forte (*f*) dynamic.
- Glock.**: Glockenspiel, rests.
- Hp.**: Harp, playing a melodic line with a forte (*f*) dynamic, featuring a triplet.
- Vln. I**: Violin I, playing a melodic line with a forte (*f*) dynamic and a crescendo (*cresc.*), featuring a triplet.
- Vln. II**: Violin II, playing a melodic line with a forte (*f*) dynamic and a crescendo (*cresc.*), featuring a triplet.
- Vla.**: Viola, playing a melodic line with a forte (*f*) dynamic and a crescendo (*cresc.*), featuring a triplet.
- Vc.**: Violoncello, playing a melodic line with a forte (*f*) dynamic and a crescendo (*cresc.*), featuring a triplet.
- Db.**: Double Bass, playing a melodic line with a forte (*f*) dynamic and a crescendo (*cresc.*), featuring a triplet.

120

Picc. *f*

2 Fl. 1,2 *ff*

2 Ob. 1,2

C. A.

2 Cl. 1,2

B. Cl.

2 Bsn. *f*

Cbsn. *f*

Hn. 1,2 *f* *ff*

Hn. 3

Tpt. 1,2 *f* *ff*

Tbn. 1,2 *f* *ff*

Tba. *f*

Timp. *f*

Cym.

Glock.

Hp. *f*

Vln. I *f*

Vln. II *f*

Vla. *f*

Vc. *f*

Db. *f*

126 poco accel. poco rit. A Tempo

126 *poco accel.* *poco rit.* *A Tempo*

Picc. -

2 Fl. 1,2 -

2 Ob. 1,2 *mp* (2) *p espressivo* (1) *p*

C. A. -

2 Cl. 1,2 *p* (1) *p dolce* *mf* (5)

B. Cl. *pp*

2 Bsn. *p* (2) *pp*

Cbsn. -

Hn. 1,2 *p* (2) (1) *p* (3)

Hn. 3 -

Tpt. 1,2 -

Tbn 1,2 -

Tba. -

Timp. *pp*

Cym. -

Glock. *p* *f*

Hp. *p*

Vln. I *dim.* *pizz.*

Vln. II *dim.* *pizz.*

Vla. *dim.* *pizz.*

Vc. *dim.* *pizz.*

Db. *dim.* *p* *pizz.*

130

Picc.

2 Fl. 1,2

2 Ob. 1,2

C. A.

2 Cl. 1,2

B. Cl.

2 Bsn.

Cbsn.

Hn. 1,2

Hn. 3

Tpt. 1,2

Tbn. 1,2

Tba.

Timp.

Cym.

Glock.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

p

f

p

134 Allegro ♩ = 110

This page of an orchestral score covers measures 134, 135, and 136. The tempo is marked 'Allegro' with a quarter note equal to 110 beats per minute. The score includes parts for Piccolo, Flutes 1 and 2, Oboes 1 and 2, Clarinet in A, Clarinets 1 and 2, Bass Clarinet, Bassoons 1 and 2, Contrabassoon, Horns 1, 2, and 3, Trumpets 1 and 2, Trombones 1 and 2, Tuba, Timpani, Cymbals, Glockenspiel, Harp, Violins I and II, Viola, Violoncello, and Double Bass. The woodwinds and strings play a complex rhythmic pattern of eighth notes, often in groups of five and three. The brass instruments play a similar pattern, with the tuba and timpani providing a steady pulse. The harp plays a sustained chord. The score is marked with dynamics such as *f* (forte), *dim.* (diminuendo), and *p* (piano). The key signature has one sharp (F#), and the time signature is 3/4. The page ends with a double bar line and repeat dots.

Allegro Molto **poco accel.** **Vivo**

137

Picc.

2 Fl. 1,2

2 Ob. 1,2

C. A.

2 Cl. 1,2

B. Cl.

2 Bsn.

Cbsn.

Hn. 1,2

Hn. 3

Tpt. 1,2

Tbn 1,2

Tba.

Timp.

Cym.

Glock.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

ff *mf* *f* *ff*

II - Dans

Allegro Molto

2 Cl. 1,2 (1) *mf*

2 Bsn. *mf stacc.* *p*

Tamb. *mf*

B. D. *p*

Allegretto

(1) solo

2 Ob. 1,2 *mf*

2 Cl. 1,2 *p*

2 Bsn. *mf*

Tamb. *p*

B. D.

2 Ob. 1,2 *mf*

2 Cl. 1,2 *p*

2 Bsn. *mf*

Tamb. *mf p*

B. D.

Vln. I *mf pizz.*

Vln. II *mf pizz.*

Vla. *mf pizz.*

Vc. *mf pizz.*

2 Ob. 1,2 *dim.* *mf*

2 Cl. 1,2 *dim.*

2 Bsn. *dim.*

Tamb. *p* *mp*

Vln. I *mf*

Vln. II *mf*

Vla. *mf*

Vc. *mf*

17

2 Ob. 1,2

2 Cl. 1,2

2 Bsn.

Tamb.

B. D.

Vln. I

Vln. II

Vla.

Vc.

dim.

mf

p

mf

mp

21

2 Ob. 1,2

2 Cl. 1,2

2 Bsn.

Tamb.

B. D.

Vln. I

Vln. II

Vla.

Vc.

Db.

p

mf

mp

arco

mp

mp

arco

leggiere

mp

pizz.

mp

25

2 Ob. 1,2

2 Cl. 1,2

2 Bsn.

Tamb.

B. D.

Vln. I

Vln. II

Vla.

Vc.

Db.

dim.

mf

p

mf

mp

arco

f

arco

f

dim.

f

dim.

f

dim.

f

dim.

f

poco a poco rit.

Allegro Molto

2 Fl. 1,2 (1) *f*

2 Ob. 1,2 (2) *f*

2 Cl. 1,2 (2) *f*

2 Bsn. *f*

Hn. 1,2 *mf* (3) *f* (1) solo

Hn. 3 *mf*

Tpt. 1,2 *mf* (3)

Tbn. 1,2 *mf* (G-C)

Timp. *mf* *p*

Vln. I *pizz.*

Vln. II *pizz.*

Vla. *pizz.*

Vc. *pizz.* (3)

Db. *pizz.*

39

2 Fl. 1,2

2 Ob. 1,2

2 Cl. 1,2 (1) *f* *tr*

2 Bsn. *f* *tr*

Hn. 1,2 (2) *p* *dim.*

Timp. *p* *mf*

Vln. I *arco* *mf* *f* *tr*

Vln. II *arco* *mf* *f* *tr*

Vla. *mf*

Vc. *arco* *p*

Db. *p*

93

Vln. I

Vln. II

Vla.

Allegro assai
(1) solo

106

2 Ob. 1,2

2 Cl. 1,2

2 Bsn.

Tamb.

Vln. I

Vln. II

Vla.

Vc.

Db.

113

2 Fl. 1,2

2 Ob. 1,2

2 Cl. 1,2

2 Bsn.

Tamb.

Vln. I

Vln. II

Vla.

Vc.

Db.

Musical score for measures 120-125. The score is for a full orchestra. The top staves are for 2 Flutes (1, 2), 2 Oboes (1, 2), 2 Clarinets (1, 2), 2 Bassoons, Horns (1, 2 and 3), Trumpets (1, 2), Trombones (1, 2), Timpani, and Bass Drum. The bottom staves are for Violins I and II, Viola, Violoncello, and Double Bass. The score includes various musical notations such as dynamics (dim., mf, p, f), articulation (trills, accents), and a change in time signature from 4/8 to 4+3/8 and back to 4+5/8.

Musical score for measures 126-131. This section continues the orchestral score. It features prominent woodwind parts with trills and accents, and string parts with dynamic markings like *f* and *mf*. The time signature remains 4+5/8. The score includes various musical notations such as dynamics, articulation (trills, accents), and phrasing.

A Tempo (Allegro Molto)

143

2 Fl. 1,2 *mf*

2 Ob. 1,2 *mf*

2 Cl. 1,2 *mf*

2 Bsn. *mf*

Cbsn.

Hn. 1,2 *mf* 3

Hn. 3 *mf* 3

Tpt. 1,2 *mf* 3

Tbn. 1,2 *mf* 3

Timp.

Vln. I *mf*

Vln. II *mf*

Vla. *mf*

Vc. *mf*

Db. *mf*

4+5/8

cresc.

f (1) solo

150

2 Ob. 1,2 (1) solo *f*

Hn. 1,2

Timp.

Vln. I *mf* *cresc.* *f*

Vln. II *mf* *cresc.* *f*

Vla. *mf* *cresc.* *f*

Vc. *mf* *cresc.* *f*

Db. *mf* *cresc.* *f*

trn trn trn trn trn trn trn trn

mf *cresc.* *f*

$\text{♩} = 120$

4+5/8

(Allegro Molto)

♩ = 100

♩ = 120

2 Fl. 1,2 *ff* *f* *f* *tr* *tr* *tr* *tr*

2 Ob. 1,2 *ff* *f* *f* *tr* *tr* *tr* *tr*

2 Cl. 1,2 *ff* *f* *f* *tr* *tr* *tr* *tr*

2 Bsn. *ff* *f* *f* *tr* *tr* *tr* *tr*

Hn. 1,2 *ff* (2)

Hn. 3 *ff*

Tpt. 1,2 *ff* *f*

Tbn. 1,2 *ff* *f*

Timp. *ff*

Vln. I *ff* *f* *mf* *f*

Vln. II *ff* *f* *mf* *f*

Vla. *ff* *f* *mf* *f*

Vc. *ff* *f* *mf* *f*

Db. *ff* *f* *mf* *f*

Vivo.

2 Fl. 1,2
2 Ob. 1,2
2 Cl. 1,2
2 Bsn.

172

tr *tr* *tr* *tr* *tr* *tr* *tr* *tr*

ff *ff* *ff* *ff*

Hn. 1,2
Hn. 3
Tpt. 1,2
Tbn. 1,2

(1) solo

f *ff* *f* *ff* *f* *ff* *f* *ff*

Timp.

solo

f *ff*

Vln. I
Vln. II
Vla.
Vc.
Db.

8va

ff *ff* *ff* *ff* *ff* *ff*