



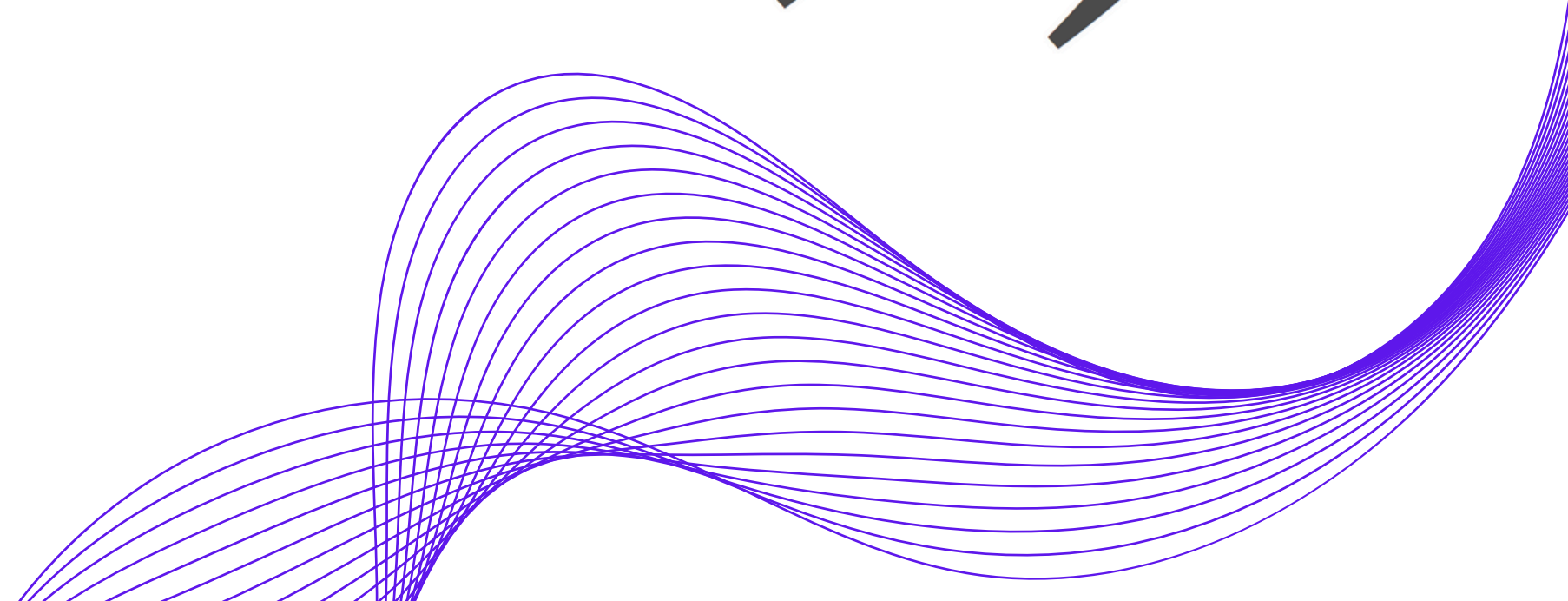
SOLFEDŽO,
PROGRAMMEERIMINE

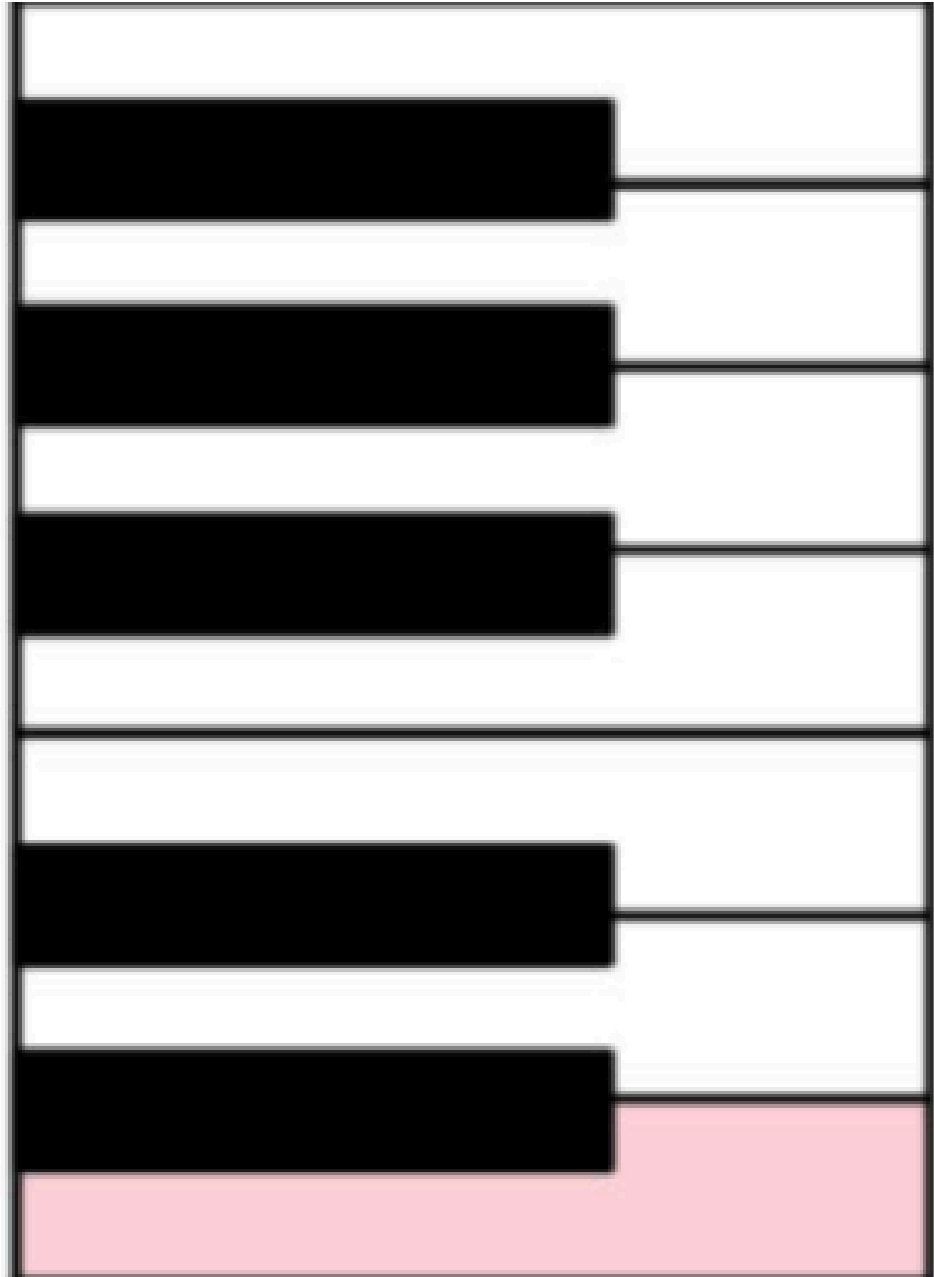
JA

SONIC PI

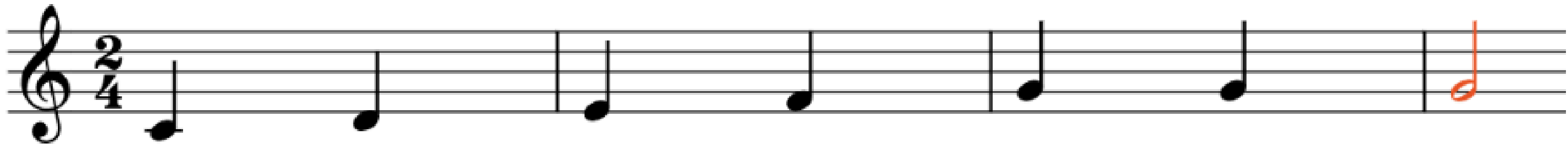
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Gendra Kotsar

π





71	70
69	68
67	66
65	
64	
62	63
60	61



RONGISÖIT

2.times do

 play 60

 sleep 1

 play 62

 sleep 1

 play 64

 sleep 1

 play 65

 sleep 1

 play 67

 sleep 1

 play 67

 sleep 1

 play 67

 sleep 2

end

```
2.times do
  play :C
  sleep 1
  play :D
  sleep 1
  play :E
  sleep 1
  play :F
  sleep 1
  play :G
  sleep 1
  play :G
  sleep 1
  play :G
  sleep 2
end
```

```
a=[0, 0, 2, 4, 5, 7, 9, 11, 12] #astmed
alg=67
2.times do
  play alg+a[1]
  sleep 1
  play alg+a[2]
  sleep 1
  play alg+a[3]
  sleep 1
  play alg+a[4]
  sleep 1
  play alg+a[5]
  sleep 1
  play alg+a[5]
  sleep 1
  play alg+a[5]
  sleep 2
end
```

```
nimetused={"jo" => 0, "le" => 2, "mi" => 4, "na" => 5,  
          "so" => 7, "ra" => 9, "di" => 11}
```

```
alg=60
```

```
2.times do
```

```
  play alg+nimetused["jo"]
```

```
  sleep 1
```

```
  play alg+nimetused["le"]
```

```
  sleep 1
```

```
  play alg+nimetused["mi"]
```

```
  sleep 1
```

```
  play alg+nimetused["na"]
```

```
  sleep 1
```

```
  play alg+nimetused["so"]
```

```
  sleep 1
```

```
  play alg+nimetused["so"]
```

```
  sleep 1
```

```
  play alg+nimetused["so"]
```

```
  sleep 2
```

```
end
```

```
nimetused={"jo" => 1, "le" => 2, "mi" => 3, "na" => 4,  
          "so" => 5, "ra" => 6, "di" => 7}
```

```
a=[0, 0, 2, 4, 5, 7, 9, 11, 12] #astmed
```

```
alg=60
```

```
2.times do
```

```
  play alg+a[nimetused["jo"]]
```

```
  sleep 1
```

```
  play alg+a[nimetused["le"]]
```

```
  sleep 1
```

```
  play alg+a[nimetused["mi"]]
```

```
  sleep 1
```

```
  play alg+a[nimetused["na"]]
```

```
  sleep 1
```

```
  play alg+a[nimetused["so"]]
```

```
  sleep 1
```

```
  play alg+a[nimetused["so"]]
```

```
in_thread do
  use_synth :piano
  play_pattern_timed([:E, :E, :D, :E, :C, :C, :C],
                    [1, 1, 1, 1, 1, 1, 2], sustain: 0.6)
end
```

```
in_thread do
  use_synth :bass_foundation
  play_pattern_timed([:C3, :G2, :C3],[2, 2, 4])
end
```

```
in_thread do
  use_synth :saw
  play_pattern_timed([:E, :F, :E, :C, :D, :E, :D, :B3, :C, :G3, :E3, :G3, :A3, :G3,
                    :A3, :G3],
                    [0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5,
                    0.5, 0.5], pitch:12, amp: 0.1)
end
```

```
[60, 62].each do |nr|  
  play nr  
  sleep 1  
end
```

```
aeg=0.5  
use_synth :kalimba  
use_random_seed Time.now.to_i  
  
16.times do  
  play [60, 64, 67].choose, release: aeg/2  
  sleep aeg  
end
```

```
[0, 2, 4, 5, 7, 9, 11, 12, 0].each do |nihe|  
  play_pattern_timed([:E, :E, :D, :E, :C, :C, :C],  
                    [1, 1, 1, 1, 1, 1, 2], sustain: 0.3, pitch: nihe)  
end
```



**DIGIHUMANITARIA
TUDENGI VAATENURK**

TEEKOND INFORMAATIKANI

Tallinna Ülikoolis peeriala prantsuse keel ja kultuur, kõrvaleriala infotehnoloogia

Puudus varasem kokkupuude ning endale üllatuseks hakkas väga meeldima

Toetava õpikeskkonna ning inspireerivate õppejõudude positiivne mõju

TEEKOND INFORMAATIKANI

Enne ülikooli tegelesin aktiivselt laulmise ja muusikaga

Õppisin Georg Otsa nimelises Tallinna Muusikakoolis

Laste muusikakoolis pole käinud, omandasin solfedžo eratundide kaudu



SONIC PI

Minu jaoks midagi täiesti uut

Siiani olen kasutanud sellist programmi nagu Reaper

Meile antud ülesannet oli väga lõbus teha

Muusikaline taust tuleb kasuks, aga pole otseselt vajalik



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**AITÄH
KUULAMAST!**

