# Data-analyysi ja tekoälyn perusteet

T1

```
print('Hello world!')
```

T2

```
a = 3
b = 2

if a < b:
    print ("b on isompi")

elif a > b:
    print ("a on isompi")

else:
    print ("yhtä isot")
```

T3

```
import random

a = random.randint(0,100)
b = random.randint(0,100)


if a < b:
    print ("b on isompi")

elif a > b:
    print ("a on isompi")

else:
    print ("yhtä isot")
```

T4

```
import random

def summaaja(a, b):
    print (f'{a} + {b} =',a + b)


a = random.randint(0,10)
b = random.randint(0,10)
summaaja(a,b)
```

T5

```
import random

oikein = 0
for i in range(0,5):
    a = random.randint(0,10)
    b = random.randint(0,10)

    print (f'{a} x {b} = ')
    vastaus = int (input())
    if vastaus == a * b:
        oikein += 1

print (f'Sait {oikein} oikein!')
```

T6

```
class Murtoluku:
    def __init__(self, os, nim):
        self.os = os
        self.nim = nim

    def tulosta(self):
        print (f'{self.os} / {self.nim}')

    def sievenna(self):
        syt = self.syt()
        self.os //= syt
        self.nim //= syt

    def syt(self):
        return 1

ml =Murtoluku(3,9)
ml.tulosta()
ml.sievenna()
ml.tulosta()
```