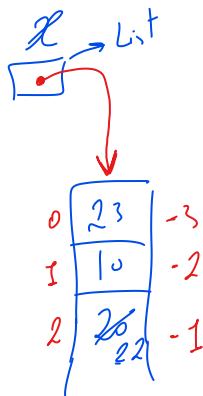


List

```

x = [23, 10, 20]
Print(x) → 23, 10, 20
Print(x[0]) → 23
Print(x[-1]) → 20
x[-1] += 2
Print(len(x)) → 3

```



x.

Enter num of std.: 5

Enter std. mark: 58
 ~ ~ ~: 70
 ~ ~ ~: 63
 ~ ~ ~: 36
 ~ ~ ~: 48

best = max(---)

58	→ B
70	→ A
63	→ A
36	→ D
48	→ C

A → m ≥ best - 10
 B → m ≥ best - 20
 C → m ≥ best - 30
 D → m ≥ best - 40
 F → else

Enter num of emp.: 4

Enter emp. salary: 5000
 ~ ~ ~: 15000
 ~ ~ ~: 7000
 ~ ~ ~: 13000

avg = $\frac{\text{sum}(---)}{\text{len}(---)}$ → 10000

Salaries

5000
15000
7000
13000

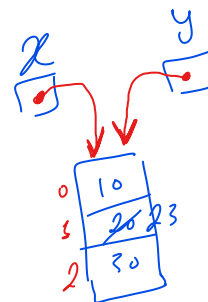
Count
 1
 2

x = 5
 y = x
 y += 3

x y
 5 8

copy value

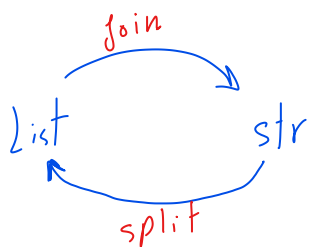
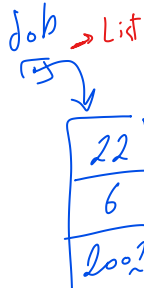
x = [10, 20, 30]
 y = x
 y[1] += 3



copy reference

dob = "22/6/2002"
 dob = dob.split("/")
 dob = "-".join(dob)

dob → str
 22-6-2002



tuple → immutable

x = (10, 20, 30)
 Print(x[0]) → 10
 Print(len(x)) → 3
 x[0] += 3 X
 x.append(40) X

Set

x = {10, 20, 30, 10}
 Print(x[0]) X
 Print(x) → 10, 20, 30
 Print(len(x)) → 3

