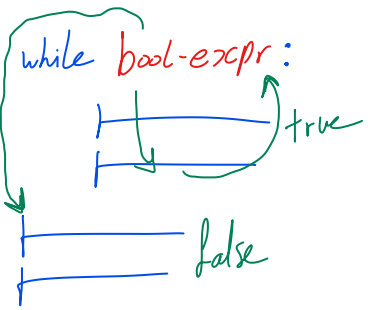
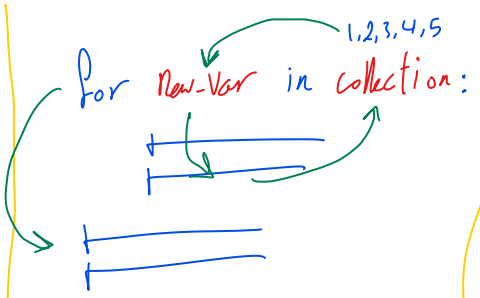




range(1, 10, 2) ⇒ 1, 3, 5, 7, 9

range(1, 10) ⇒ 1, 2, 3, ---, 9

range(10) ⇒ 0, 1, 2, ---, 9

---

what's 5 * 7?
≫ 35
what's 2 * 4?
≫ 6
what's 9 * 2?
≫
⋮
≫ 70
Game Over

what's 3 * 7?
≫ 25
Try again, what's 3 * 7?
≫ 30
Try again, what's 3 * 7?
≫
⋮
≫ 21
Correct

Guess num btw 0-100
≫ 55
Go down
≫ 30
Go down
≫ 15
Go up
≫ 25
Go up
≫ 29
You Guessed Right!!

num
29

guess
~~55~~
~~30~~
~~15~~
~~25~~
29

---

what's 5 * 7?
≫ 35
correct
what's 2 * 4?
≫ 20
wrong
what's 6 * 6?
≫ 33
wrong

Your score 3 out of 5

Enter num of std.: 4
Enter exam full mark: 25

Enter std mark: 23
$pct = \frac{mark}{full\_mark} * 100$
>=50 Pass
Fail

Print first 50 prime number

number: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, ...

Print: 2, 3, 5, 7, 11

all cannot divide → Prime → print

one divide → break → not Prime → no print

```
while ____:
    for ____:
        if ____:
            break
```

Parameters → func_name (code) → return

reuse, organize, Debug

Define function

```
def func_name(p1, p2, ...):
    ...
```

Call function

```
randint(0,10) → 3
input(...) → -
eval("3") → 3
max(5,2,7) → 5
min(...)
:
func_name(5,2)
```

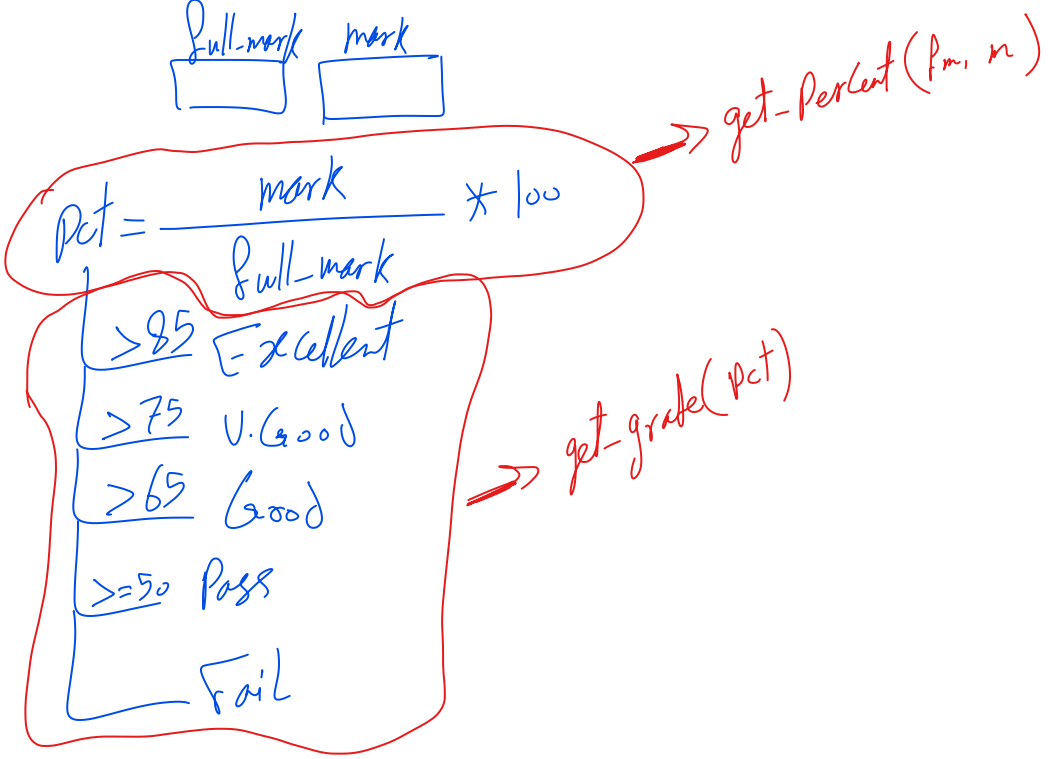
---

weight, height

bmi = weight / (height/100)^2 → get_bmi(w, h)

- < 18.5 Underweight
- < 25 Normal
- < 30 Overweight
- ____ obese

→ get_status(bmi)


full_mark
mark
get_PerCent(fm, m)
Pct = mark / full_mark * 100
>85 Excellent
>75 V.Good
>65 Good
>=50 Pass
Fail
get_grade(pct)