

len(-)

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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
one divide → break → not prime

while _____:
for _____:
if _____:
break

d-count	u-count
0	0
1	1
2	2
3	
4	

$\frac{x}{8} \quad \frac{y}{24}$

gcd	div
1	2
2	3
4	4
8	5
	6
	7
	8

$\frac{x}{6} \quad \frac{y}{9}$

gcd	div
1	2
3	3
	4
	5
	6

Parameters → func-name → reuse, organize, debug, return

Define Function

def func-name(p1, p2, ...):

Call Function

min(2, 5, 7) → 2
print(-)
eval(-)
radint(-, -)

func-name(-, -)

weight height

$$bmi = \frac{weight}{(height/100)^2}$$

get-bmi(w, h)

get-status(bmi)

< 18.5 Underweight
< 25 Normal
< 30 overweight
Obese

mark full-mark

$$pct = \frac{mark}{full_mark} * 100$$

get-percent(-, -)

> 85 Excellent
> 75 V-Good
> 65 Good
≥ 50 Pass
Fail

get-grade(-)

