In [2]:
```
#taking input from user
value = int(input('enter a number: '))

#condition
if value > 0:
    print('positive number')
elif value == 0:
    print('zero')
else:
    print('negative number')
```

```
enter a number: 20
positive number
```

In [4]:
```
car = ['BMW', 'Merc','Proton']
for x in car:
       print(x)
```

```
BMW
Merc
Proton
```

In [5]:
```
for x in 'Mercedes':
    print(x)
```

```
M
e
r
c
e
d
e
s
```

In [8]:
```
a = 1
b = 10
#it will iterate till a < b
while a < b:
    print('('+str(a)+') a lower than b')
    #(in each loob a will be incremented by 1)
    a+=1;
```

```
(1) a lower than b
(2) a lower than b
(3) a lower than b
(4) a lower than b
(5) a lower than b
(6) a lower than b
(7) a lower than b
(8) a lower than b
(9) a lower than b
```

In [9]:
```
def my_function():
    """This function to make addition between a and b"""
    a = int(input('a:'))
    b = int(input('b:'))
    print(a+b)

my_function()
```

```
a:20
b:30
50
```

In [15]:
```python
def temp_Measurement_function():
    body_temp = int(input('Enter your body temperature: '))
    if(body_temp > 37):
        print('You have a fever. Go to the clinic.')
    else:
        print('You are healthy.')

temp_Measurement_function()
temp_Measurement_function()
```

```
Enter your body temperature: 38
You have a fever. Go to the clinic.
Enter your body temperature: 37
You are healthy.
```

In [ ]:
```python

```