



There are four types of number system

1)binary number system

2)octal

3)decimal

4)hexa decimal

Binary number system:

*Represented by 0 and 1

implicit:

syntax: variablename=data

ex:

```
a=0b1010
print(a)
print(type(a))
```

annotation:

syntax : variablename : bin = data

explicit:

syntax :

variablename=bin(data)

ex : a = bin(0b1010)

print(a)

print(type(a))

ex: a : bin = 0b1010

print(a)

print(type(a))

Octal : It is represented by 0o
*represented by 0 to 8

implicit :

syntax : variablename = data

EX: a=0o654

print(a)

print(type(a))

annotation:

syntax : variablename : oct = data

ex: a : oct = 0o1010

print(a)

print(type(a))

Explicit:

syntax : variablename = oct(data)

Ex:a=oct(0o654)

print(a)

print(type(a))

Hexa Decimal: Represented by 0x and represented by 0 to 9,a to f

implicit:

syntax : variablename = data

EX: a=0o654

print(a)

print(type(a))

explicit:

syntax : variablename = oct(data)

Ex:a=hexa(0x9654)

print(a)

print(type(a))

annotation:

syntax : variablename : oct = data

ex: a : oct = 0o1010

print(a)

print(type(a))