OOPs: Object oriented programming

```
# class Name:

class Human:
    pass

# rahul is instance of Human class

rahul = Human()

type(rahul)

__main__.Human


a = 2

type(a)

int



## Adding behaviour or functionality

a = "abs"

type(a)

str

a.upper()

'ABS'



class Human:

    def intro(self):
        print("Hey I am Human")


deepank = Human()

tavish = Human()

Human.intro(tavish)
```

```
Hey I am Human

Human.intro(deepank)

Hey I am Human

deepank.intro()

Hey I am Human

tavish.intro()

Hey I am Human

tavish.name = "Toshu"

tavish.name

'Toshu'

tavish.age = 21

tavish.age

21
```

```
## Constructor

# who do you want to give name and age
# To particular Human self or To Whole Human society as a whole?

class Human:

   ## init is constructor
    def __init__(self, name, age):
        self.name = name
        self.age = age

    def intro(self):
        print("Hey I am", self.name, self.age)

manu = Human("Manu", 34)

manu.intro()

Hey I am Manu 34

rahul = Human("Rahul", 25)

rahul.name
```

```
'Rahul'
manu.name
'Manu'
rahul.intro()
Hey I am Rahul 25
```