**Miscellaneous exercise**

1. Create a function that multiplies any number x by 13

* x=14
* if result is greater than 130 print "x is greater than 10"
* else print "x is less than 10"

## START CODE HERE ##

def mul(x):

result=x\*13

if(result>130):

print("x is greater than 10 ")

else

print("x is less than 10")

mul(9)

### END CODE HERE ###

Output:

x is less than 10

2. Create a class called student

* use the init() function to assign values for name and BirthYear, where name="vinay" and BirthYear="1998"
* Create a function to find the age

### START CODE HERE ###

class student:

def \_\_init\_\_(self,name,BirthYear):

self.name=name

self.BirthYear=BirthYear

def findage(self):

a=2019-int(self.BirthYear)

print("Age is :"+str(a))

ob=student("vinay",1998)

print("Name:"+ob.name)

print("BirthYear:"+str(ob.BirthYear))

ob.findage()

### END CODE HERE ###

Output:

Name: vinay

BirthYear:1998

Age is :21

3. Write a Python program which accepts the radius of a circle from the user and compute the area

### START CODE HERE ###

radius=input("enter radius")

print("Area OF circle :",double(3.14\*radius\*radius))

### END CODE HERE ###

Output:

enter radius10

'Area OF circle :', 314.0