Task 1 :- Take input of character from user

In [1]:

```python
word = input("Enter word :-")
if (word == 'A' ):
    print("Python")
elif (word == 'B'):
    print("MySQL")
elif (word == 'c'):
    print("Excel")
else :
    print("Holiday")
```

```
Enter word :-A
Python
```

Task 2 :- Highest among the Two

In [2]:

```python
a = int(input("Enter first number"))
b = int(input("Enter second number"))
if (a > b):
    print (a,"is grater value than ", b)
elif (a==b) :
    print ( "Both value are same")
else :
    print(b, "is grater value than ",a )
```

```
Enter first number5
Enter second number6
6 is grater value than  5
```

Task 3 :- Check Salary

In [3]:

```python
salary = int(input("Enter Salary :-"))

if ( salary <= 4000):
    print ("Net_Income :- ", salary + (salary*0.1) + (salary *0.05) )
elif ( salary >= 4001 and salary <10000):
    print ("Net_Income :- ", salary + (salary*0.2) + (salary *0.10) - (salary * 0.15))
elif ( salary > 10000) :
    print ("Net_Income :- ", salary + (salary*0.25) + (salary *0.15) - (salary * 0.20))
else :
    print ("Invalid Input")
```

```
Enter Salary :-5000
Net_Income :-  5750.0
```

Task 4 :- Print Whether the word exists in the paragraph or not

In [21]:

```python
var = 'Python is an interpreted high-level general purpose programming language. Its design
k = (input("Enter word : "))
if (k.casefold()  in var.casefold()):
    print(k, "is present in paragraph ")
else :
    print(k, "is not present in paragraph ")
```

```
Enter word : Python
Python is present in paragraph
```

Task 6 :- Display whether the character entered by the user is uppercase or lower case

In [5]:

```python
k = (input("Enter character"))
if (k.isupper() ):
    print( k , "is uppercase")
else :
    print ( k, "is lowercase" )
```

```
Enter characterP
P is uppercase
```

Task 7 :- Display whether the character entered by the user is a vowel or consonant

In [6]:

```python
k = (input("Enter character"))
if (k == 'a', 'e', 'i', 'o', 'u'):
    print (k, "is vowel")
else :
    print (k , "is consonant")
```

```
Enter charactera
a is vowel
```

In [ ]:

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