```
443  #Exercise 1:
444  name = input("Please enter your name: ")
445  encryptName = name[0] + "*" * (len(name) - 2) + name[-1]
446  print("Encrypted Name is: {}".format(encryptName))
447
448
449
```

Python_Class

```
"C:\Users\VINOD VM\PycharmProjects\pythonProject\venv\Scripts\pyt
Please enter your name: Vinodh
Encrypted Name is: V****h

Process finished with exit code 0
```

Exercise 2 :

```
450  Option=int(input('Enter your option 1 for Add,2 for Sub,3 for Multi,4 for Div : '))
451  First=int(input('Enter your First_Number : '))
452  Second=int(input('Enter your Second_Number : '))
453  if Option==1:
454    print('Addition of '+First+' and '+Second+' = '+First+Second)
455  elif Option==2:
456    print('Substraction of '+First+' and '+Second+' = '+First-Second)
457  elif Option==3:
458    print('Multiplication of '+First+' and '+Second+' = '+First*Second)
459  elif Option==4:
460    print('Division of '+First+' and '+Second+' = '+First//Second)
461  else:
462    print('You entered a wrong option, please Enter your option 1 for Addition,'
463          '2 for Substraction,3 for Multiplication,4 for Division')
464
465
```

else

Python_Class

```
"C:\Users\VINOD VM\PycharmProjects\pythonProject\venv\Scripts\python.exe" "C:\Users\VINO
Enter your option 1 for Add,2 for Sub,3 for Multi,4 for Div : 2
Enter your First_Number : 100
Enter your Second_Number : 50
Substraction of  100  and  50  =  50

Process finished with exit code 0
```

```python
#Exercise 3 : Write a python programme count the number of strings where the
#string length is more than 2 & first and last digit are same

L1=['asd','bsb','bd','nnsn','ddjfd','123451']
L2=[x for x in L1 if len(x) >=2]
L3=[x for x in L2 if x[0]== x[-1]]
print(L2)
print(L3)
print(len(L3))
```

Python_Class

```
"C:\Users\VINOD VM\PycharmProjects\pythonProject\venv\Scripts\python.exe" "C:\User
['asd', 'bsb', 'bd', 'nnsn', 'ddjfd', '123451']
['bsb', 'nnsn', 'ddjfd', '123451']
4

Process finished with exit code 0
```

```python
#Exercise 4 : Create a Dictionary from the list
#where Keys are the elements of the list and the values of the dictionary
#is result after dividing the element by 3
l1=[12,15,18,24]
l2=[x//3 for x in l1]
d1={}
d1=dict(zip(l1,l2))
print (l1)
print (l2)
print (d1)
```

Python_Class

```
"C:\Users\VINOD VM\PycharmProjects\pythonProject\venv\Scripts\python.exe" "C:\
[12, 15, 18, 24]
[4, 5, 6, 8]
{12: 4, 15: 5, 18: 6, 24: 8}

Process finished with exit code 0
```