```python
In [1]: class student_details():
            def student_info():
                print("***STUDENT INFO***")
                name=input("Name:")
                roll_no=input("Roll no:")
                dept=input("Department:")#Create a class for student details
```

```python
In [2]: student_details.student_info()
```

```
***STUDENT INFO***
Name:John
Roll no:123
Department:Information Technology
```

```python
In [1]: class swap():
            def temp():
                a=input("a=")
                b=input("b=")
                a,b=b,a
                print("After swapping")
                print("a=",a)
                print("b=",b)
        swap.temp()#Create a class to swap two numbers without using temporary variable
```

```
a=45
b=32
After swapping
a= 32
b= 45
```

```python
In [2]: class average():
            def total():
                m1=int(input("Mark1="))
                m2=int(input("Mark2="))
                m3=int(input("Mark3="))
                total=int(m1+m2+m3)
                print("Total:",total)
                avg=int(total/3)
                print("Average:",avg)#Create a class to calculate average
        average.total()
```

```
Mark1=45
Mark2=56
Mark3=78
Total: 179
Average: 59
```

```python
In [12]: class consecutive():
             def multiply():
                 mul=1
                 for x in range(1,8):
                     print(x)
                     mul=mul*x
                 print(mul)
         consecutive.multiply()#Create a class to display multiply of consecutive numbers
```

```
1
2
3
4
5
6
7
5040
```

```python
In [13]: class employee_details():
             def employee():
                 for i in range(3):
                     emp_name=input("Employee name:")
                     emp_id=int(input("Employee ID:"))
                     emp_job_role=input("Employee Job role:")
                     emp_salary=int(input("Employee salary:"))
         employee_details.employee()#Create a class  for employee details
```

```
Employee name:John
Employee ID:101
Employee Job role:Software Developer
Employee salary:9000
Employee name:Amith
Employee ID:125
Employee Job role:Assistant
Employee salary:1500
Employee name:Aravind
Employee ID:205
Employee Job role:Test Engineer
Employee salary:9500
```