



Demo Program:

```
1) class Student:
2)     def setName(self,name):
3)         self.name=name
4)
5)     def getName(self):
6)         return self.name
7)
8)     def setMarks(self,marks):
9)         self.marks=marks
10)
11)    def getMarks(self):
12)        return self.marks
13)
14) n=int(input('Enter number of students:'))
15) for i in range(n):
16)     s=Student()
17)     name=input('Enter Name:')
18)     s.setName(name)
19)     marks=int(input('Enter Marks:'))
20)     s.setMarks(marks)
21)
22)     print('Hi',s.getName())
23)     print('Your Marks are:',s.getMarks())
24)     print()
```

output:

```
D:\python_classes>py test.py
```

```
Enter number of students:2
```

```
Enter Name:Durga
```

```
Enter Marks:100
```

```
Hi Durga
```

```
Your Marks are: 100
```

```
Enter Name:Ravi
```

```
Enter Marks:80
```

```
Hi Ravi
```

```
Your Marks are: 80
```

2. Class Methods:

Inside method implementation if we are using only class variables (static variables), then such type of methods we should declare as class method.

We can declare class method explicitly by using `@classmethod` decorator.

For class method we should provide `cls` variable at the time of declaration