

```
class Person:
    def __init__(self):
        self.name=input("Enter your name:")
    def show(self):
        print("Name:",self.name)
```

```
class Student(Person):
    def id(self):
        self.std_id=input("Enter your ID:")
    def display(self):
        print("Student ID:",self.std_id)
```

```
std=Student()
```

```
std.id()
```

```
std.show()
```

```
std.display()
```

```
class Employee:
    def __init__(self):
        self.name=input("Enter your name:")
        self.salary=input("Enter your salary:")
    def show(self):
        print("Name:",self.name)
        print("Salary:",self.salary)
```

```
class Manager(Employee):
    def department(self):
        self.dept=input("Enter your Department:")
    def dis(self):
        print("Department:",self.dept)
```

```
emp=Manager()
```

```
emp.department()
```

```
print("\n Manager Details")
```

emp.show()

emp.dis()