

```
class Camera:
    def __init__(self,resolution):
        self.resolution=resolution
    def dis(self):
        print("Resolution of the Camera:",self.resolution)

class Phone:
    def __init__(self,brand,model,phone_no):
        self.brand=brand
        self.model=model
        self.phone_no=phone_no
    def show(self):
        print("Smartphone Brand:",self.brand)
        print("Smartphone Model:",self.model)
        print("Phone number:",self.phone_no)

class Smartphone(Camera,Phone):
    def __init__(self,resolution,brand,model,phone_no):
        Camera.__init__(self,resolution)
        Phone.__init__(self,brand,model,phone_no)
    def info(self):
        self.show()
        self.dis()

ph=Smartphone("108MP","Samsung","Galaxy S21",7903648756)
ph.info()
```

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class Student:
    def __init__(self,name,course):
        self.name=name
        self.course=course
    def show(self):
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        print("Name:",self.name)

        print("Course:",self.course)
class StudentInfo(Student):
    def __init__(self,name,course,sport):
        super().__init__(name,course)

        self.sport=sport
    def display(self):
        self.show()

        print("Sport:",self.sport)
std=StudentInfo("Alice","Coumpter Science with AI","Basketball")
std.display()
```