```
#1
class Student:
    def __init__(self,name,roll_no,marks):
        self.name=name
        self.roll_no=roll_no
        self.marks=marks
        self.tot_marks=0
        self.per=0
        self.grade=""
    def calculate_tot_and_per(self):
        self.tot_marks=sum(self.marks)
        self.per=(self.tot_marks/500)*100
    def calculate_grade(self):
        if self.per>=85:
            self.grade="S"
        elif self.per>=75:
            self.grade="A"
        elif self.per>=65:
            self.grade="B"
        elif self.per>=55:
            self.grade="C"
        elif self.per>=50:
            self.grade="D"
        else:
            self.grade="F"
    def display(self):
        print(f"Name: {self.name}")
        print(f"Roll No.: {self.roll_no}")
        print(f"Total Marks: {self.tot_marks}")
        print(f"Percentage: {self.per:.2f}%")
        print(f"Grade: {self.grade}")
```

```
student=Student("Dharshini","007",[85,80,90,95,88])
student.calculate_tot_and_per()
student.calculate_grade()
student.display()
print()

#2
class Student:
    def __init__(self,name,age,course,grade):
        self.name=name
        self.age=age
        self.course=course
        self.grade=grade
        print(f"Student object for {self.name} is created.")
    def show(self):
        print(f"Name:{self.name}\nAge:{self.age}\nCourse:{self.course}\nGrade:{self.grade}")
    def __del__(self):
        print(f"Student object for {self.name} is being deleted.")

s=Student("Dharshini",17,"AI","A")
s.show()
del s
```