


```
class Student:
    def __init__(self, name, roll_number, subjects, marks):
        self.name = name
        self.roll_number = roll_number
        self.subjects = subjects
        self.marks = marks

    def calculate_grade(self):
        average_marks = sum(self.marks) / len(self.marks)
        if average_marks >= 90:
            return 'A'
        elif average_marks >= 80:
            return 'B'
        elif average_marks >= 70:
            return 'C'
        elif average_marks >= 60:
            return 'D'
        else:
            return 'F'

# Creating an instance of the Student class
student1 = Student("Emma", "S001", ["Math", "Science", "History"], [85, 90, 78])

# Calculating the grade for the student
grade = student1.calculate_grade()

# Displaying student information
print(f"Name: {student1.name}")
print(f"Roll Number: {student1.roll_number}")
print(f"Subjects: {'', '.join(student1.subjects)}")
print(f"Marks: {student1.marks}")
print(f"Grade: {grade}")
```

 Name: Emma
Roll Number: S001
Subjects: Math, Science, History
Marks: [85, 90, 78]
Grade: B