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```java
import java.util.Scanner;

public class StudentMarksCalculator {


    public static int totalMarks(int m1, int m2, int m3) {
        return m1 + m2 + m3;
    }


    public static double averageMarks(int total) {
        return total / 3.0;
    }


    public static char grade(double avg) {
        if (avg >= 85) {
            return 'A';
        } else if (avg >= 70) {
            return 'B';
        } else if (avg >= 50) {
            return 'C';
        } else {
            return 'F';
        }
    }

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);


        System.out.print("Enter marks for Subject 1: ");
        int subject1 = sc.nextInt();

        System.out.print("Enter marks for Subject 2: ");
        int subject2 = sc.nextInt();

        System.out.print("Enter marks for Subject 3: ");
        int subject3 = sc.nextInt();


        int total = totalMarks(subject1, subject2, subject3);


        double avg = averageMarks(total);


        char resultGrade = grade(avg);


        System.out.println("\nTotal Marks = " + total);
        System.out.println("Average Marks = " + avg);
        System.out.println("Grade = " + resultGrade);

        sc.close();
    }
}
```

```
Enter marks for Subject 1: 90
Enter marks for Subject 2: 80
Enter marks for Subject 3: 70

Total Marks = 240
Average Marks = 80.0
Grade = B
```

```java
import java.util.Scanner;

public class SplitBillCalculator {


    public static double enterBill(double billAmount) {
        return billAmount;
    }


    public static void splitBill(double totalAmount, int people) {
        double amountPerPerson = totalAmount / people;
        System.out.println("Total Bill = " + totalAmount);
        System.out.println("Each person pays = " + amountPerPerson);
    }

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);


        System.out.print("Enter total bill amount: ");
        double bill = scanner.nextDouble();

        System.out.print("Enter number of people: ");
        int people = scanner.nextInt();


        double total = enterBill(bill);


        splitBill(total, people);

        scanner.close();
    }
}
```

```
Enter total bill amount: 2500
Enter number of people: 5
Total Bill = 2500.0
Each person pays = 500.0
```

```java
public class PasswordChecker {


    public static void checkPassword(String password) {
        int length = password.length();
        boolean hasLetter = false;
        boolean hasDigit = false;
        boolean hasSpecialChar = false;


        String specialChars = "!@#$%^&*";


        for (int i = 0; i < length; i++) {
            char ch = password.charAt(i);

            if (Character.isLetter(ch)) {
                hasLetter = true;
            } else if (Character.isDigit(ch)) {
                hasDigit = true;
            } else if (specialChars.contains(String.valueOf(ch))) {
                hasSpecialChar = true;
            }
        }


        if (length < 6) {
            System.out.println("Too Short");
        } else if (length <= 10) {
            if ((hasLetter && !hasDigit) || (!hasLetter && hasDigit)) {
                System.out.println("Weak");
            } else if (hasLetter && hasDigit) {
                System.out.println("Medium");
            }
        } else {
            if (hasLetter && hasDigit && hasSpecialChar) {
                System.out.println("Strong");
            } else {
                System.out.println("Medium");
            }
        }
    }

    public static void main(String[] args) {

        checkPassword("abc");
        checkPassword("abcdef");
        checkPassword("abc12345");
        checkPassword("Abc12345");
        checkPassword("Abc12345@secure");
    }
}
```

```
Too Short
Weak
Medium
Medium
Strong
```