Slip 26

10 Marks:

```java
Copy code
import java.util.Scanner;

class Addition {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter two numbers: ");
        int num1 = sc.nextInt();
        int num2 = sc.nextInt();
        int sum = num1 + num2;
        System.out.println("Sum: " + sum);
    }
}
```

20 Marks:

```java
Copy code
import java.util.Scanner;

class Matrix {
    public static void add(int[][] m1, int[][] m2, int rows, int cols) {
        int[][] result = new int[rows][cols];
        for (int i = 0; i < rows; i++) {
            for (int j = 0; j < cols; j++) {
                result[i][j] = m1[i][j] + m2[i][j];
            }
        }
        display(result);
    }

    public static void display(int[][] m) {
        for (int[] row : m) {
            for (int value : row) {
                System.out.print(value + " ");
            }
            System.out.println();
        }
    }

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

        System.out.print("Enter number of rows and columns: ");
        int rows = sc.nextInt();
        int cols = sc.nextInt();

        int[][] m1 = new int[rows][cols];
        int[][] m2 = new int[rows][cols];
```

```java
        System.out.println("Enter elements of first matrix:");
        for (int i = 0; i < rows; i++) {
            for (int j = 0; j < cols; j++) {
                m1[i][j] = sc.nextInt();
            }
        }

        System.out.println("Enter elements of second matrix:");
        for (int i = 0; i < rows; i++) {
            for (int j = 0; j < cols; j++) {
                m2[i][j] = sc.nextInt();
            }
        }

        System.out.println("Result of Addition:");
        add(m1, m2, rows, cols);
    }
}
```