

## Slip 24

### 10 Marks:

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

class ReverseString {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter a string to reverse: ");
        String original = sc.nextLine();
        String reversed = new StringBuilder(original).reverse().toString();
        System.out.println("Reversed String: " + reversed);
    }
}
```

### 20 Marks:

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

class Employee {
    private int id;
    private String name;
    private double salary;

    public Employee(int id, String name, double salary) {
        this.id = id;
        this.name = name;
        this.salary = salary;
    }

    public void display() {
        System.out.println("ID: " + id + ", Name: " + name + ", Salary: " + salary);
    }
}

public class Main {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter number of employees: ");
        int n = sc.nextInt();
        Employee[] employees = new Employee[n];

        for (int i = 0; i < n; i++) {
            System.out.print("Enter ID: ");
            int id = sc.nextInt();
            sc.nextLine(); // Consume newline
            System.out.print("Enter Name: ");
            String name = sc.nextLine();
            System.out.print("Enter Salary: ");
        }
    }
}
```

```
        double salary = sc.nextDouble();
        employees[i] = new Employee(id, name, salary);
    }

    System.out.println("Employee Details:");
    for (Employee emp : employees) {
        emp.display();
    }
}
```