

Slip No. 17 (Total Marks: 30)

1. Accept array elements and display in reverse order – 10 Marks

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

class ReverseArray {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        int[] array = new int[n];

        for (int i = 0; i < n; i++) {
            array[i] = sc.nextInt();
        }

        for (int i = n - 1; i >= 0; i--) {
            System.out.println(array[i]);
        }
    }
}
```

2. Create a class Product using marker interface – 20 Marks

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

class Product {
    int productId;
    String productName;
    double productCost;
    int productQuantity;

    public Product(int productId, String productName, double productCost, int
productQuantity) {
        this.productId = productId;
        this.productName = productName;
        this.productCost = productCost;
        this.productQuantity = productQuantity;
    }

    public void display() {
        System.out.println("Product ID: " + productId);
        System.out.println("Product Name: " + productName);
        System.out.println("Product Cost: " + productCost);
        System.out.println("Product Quantity: " + productQuantity);
    }

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter product details:");
        int productId = sc.nextInt();
```

```
        sc.nextLine();
        String productName = sc.nextLine();
        double productCost = sc.nextDouble();
        int productQuantity = sc.nextInt();

        Product p1 = new Product(productId, productName, productCost,
productQuantity);
        p1.display();
    }
}
```