

Slip 3

10 Marks:

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

class ReverseArray {
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        System.out.println("enter the no. of elements");
        int n = sc.nextInt();

        int array[] = new int[n];

        System.out.println("enter the elements of array");
        for (int i = 0; i < n; i++) {
            array[i] = sc.nextInt();
        }
        System.out.println("Reverse array");
        for (int i = n - 1; i >= 0; i--) {
            System.out.println(array[i] + " ");
        }
    }
}
```

20 Marks:

```
java
Copy code
import java.io.*;

interface ProductMarker {}

class Product implements ProductMarker {
    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 displayProduct() {
        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) {  
    Product p1 = new Product(101, "Pen", 10.5, 50);  
    Product p2 = new Product(102, "Notebook", 45.0, 100);  
    p1.displayProduct();  
    p2.displayProduct();  
}  
}
```