

Assignment 2:

Write a program which takes 10 integer inputs from user and store them in an array. Now, copy all the elements in another array but in reverse order

Source Code:

```
import java.util.Scanner;
public class Reverse{

    public static void main(String[] args){
        Scanner sc = new Scanner(System.in);
        int[] arr = new int[10];
        int[] rev = new int[10];
        int i,j;
        System.out.println("Enter 10 numbers");
        for(i=0;i<10;i++){
            arr[i] = sc.nextInt();
        }
        sc.close();
        for(i=0,j=9;i<10;i++,j--){
            rev[i] = arr[j];
        }
        System.out.println("The array in reverse order is");
        for(i=0;i<10;i++){
            System.out.print(rev[i] + " ");
        }
    }
}
```

Output:

```
Enter 10 numbers
1 2 3 4 5 6 7 8 9 10
The array in reverse order is
10 9 8 7 6 5 4 3 2 1
```

Write a simple program which accepts value for the variable 'Rating' use control statements which should have the conditions like -if rating is less print 'Bad rating',else 'Good rating or 'Average rating

Source Code:

```
import java.util.Scanner;

public class Rating {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        double rating = sc.nextDouble();
        sc.close();
        if (rating < 0.0) {
            System.out.println("Bad rating");
        }
        else if (rating > 0.0 && rating < 3.0) {
            System.out.println("Average rating");
        } else {
            System.out.println("Good rating");
        }
    }
}
```

Output:

```
3.6
Good rating
```