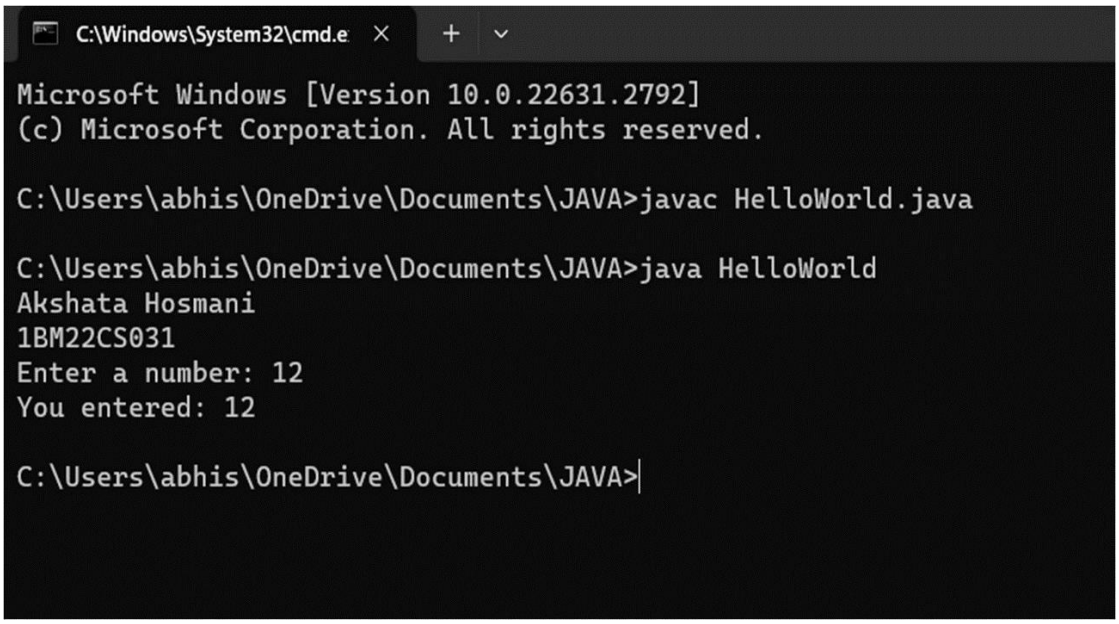
OOJ

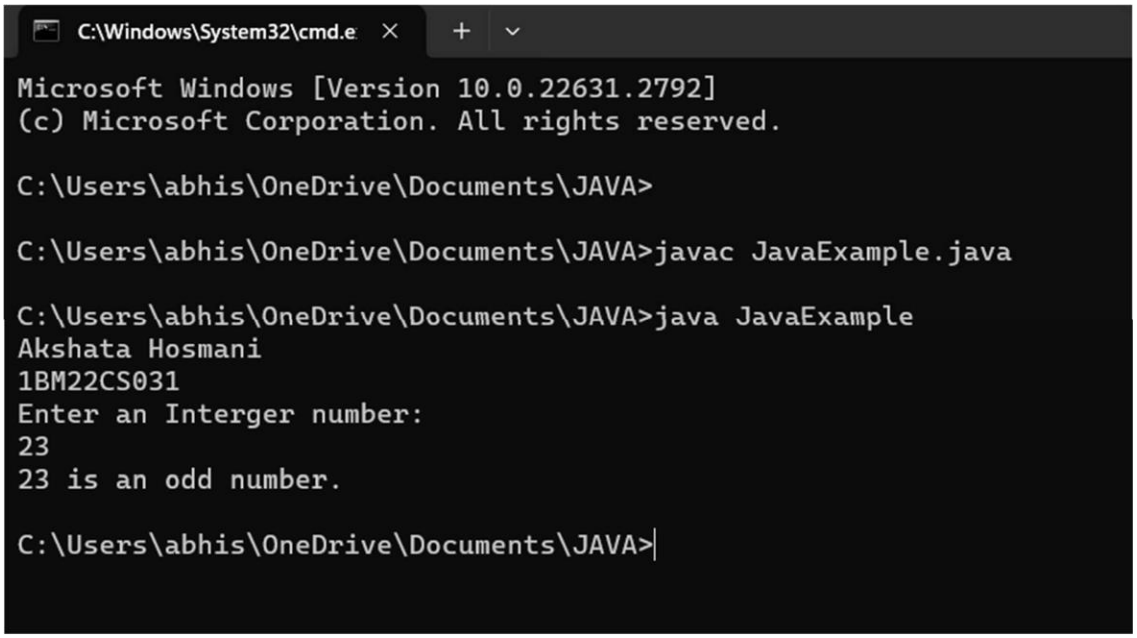
Program 1 : Write a program to print an Integer

```
import. java.util. Scanner;
public class HelloWorld {
 public static void main (String[] args){
    Scanner reader = new Scanner (System.in);
    System, out. print ("Enter a number:");
    int numbu = readu. nextInt();
    System. out. println(" you entered :" +numbu);}}
```



Program 2 : Java Program to check whether a Number is Even or odd.

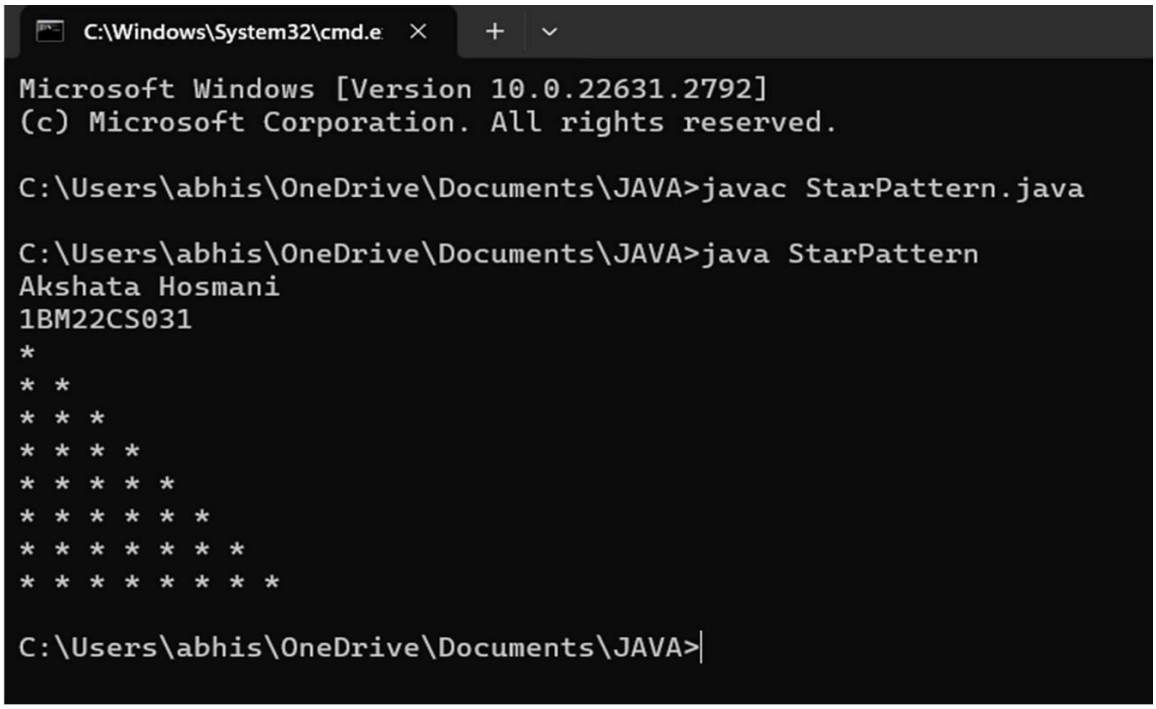
```
import java.util.Scanner;
public class JavaExample {
    public static void main (String[] args) {
        int num;
        System.out.print ("Enter an Integer number");
        Scanner input = new Scanner (System.in);
        num = input.nextInt();
        if (num % 2 == 0)
            System.out.println (num+" is even no.");
        else
            System.out.println (num+" is odd no.");}}
```



3 is odd no.

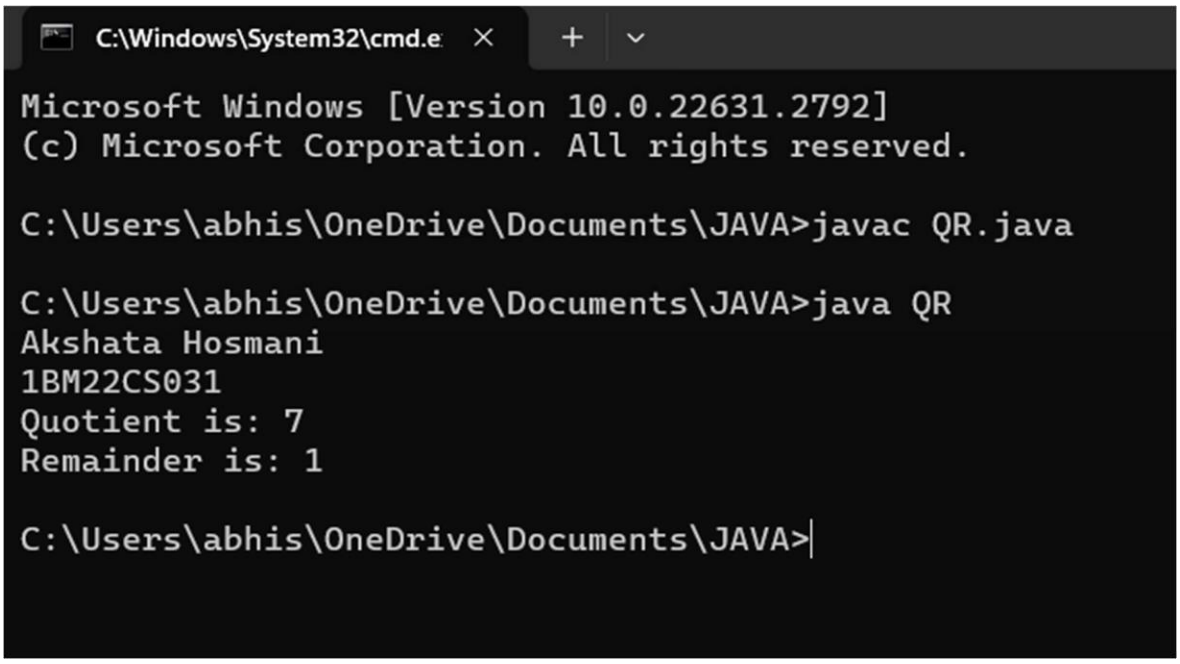
Program 3: Java Program to Print Right Triangle star pattern.

```
public class JavaExample{
    public static void main(String[] args){
        int row, column, noofRows = 8;
        for (row=0; row<noofRows; row++){
        { for (column=0; column<=Row; column++)
            { System.out.print("* "); }}}}
```



Program 4: Java program to find quotient and Remainder

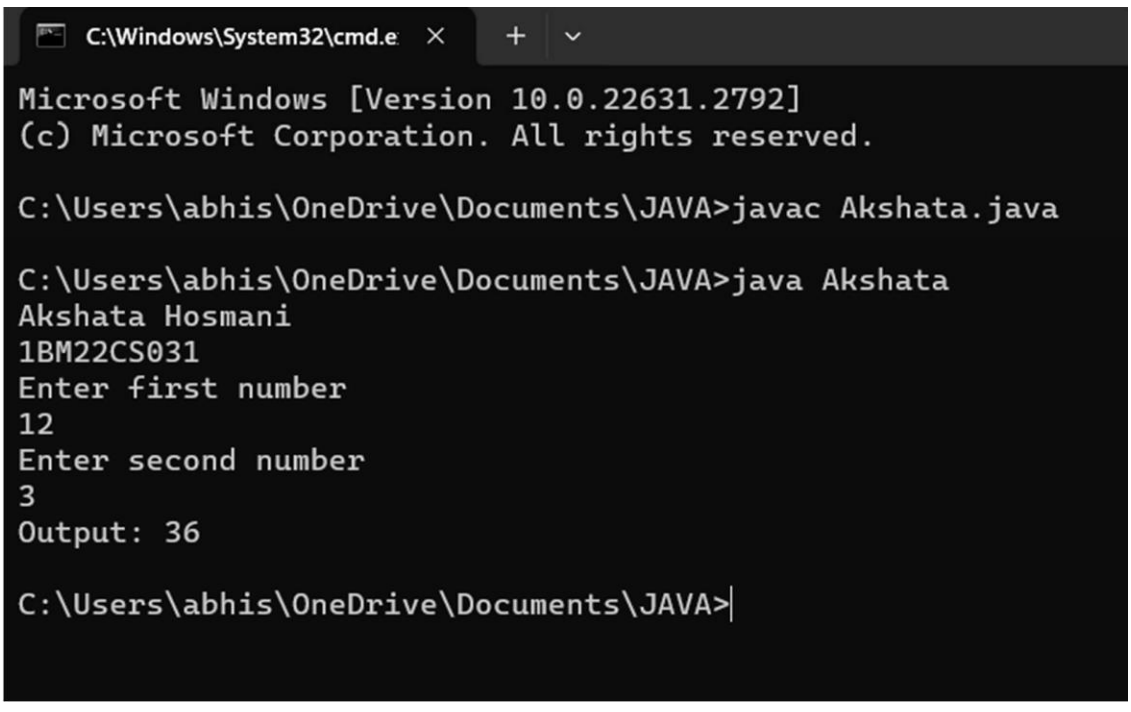
```
public class JavaExample {
    public static void main(String[] args){
    int num1=15, num2 = 2;
     int quotient = num1/num2;
     int remainder = num1%num2;
     System.out.println("Quotient is: "+quotient);
     System.out.println("Remainder is: "+remainder);
      }}
```



Program 5: Java program to multiply two numbers

```
public class demo{
  public static void main(string[] args){
    Scanner Scan = new Scanner(System.in);
    System.out.println("Enter first number");
     int num1 = scan.nextInt();
    System.out.println("Enter second number");
      int num2 = scan.nextInt();
       Scan.close();
       int product = num1 * num2;
    System.out.println("Output:"+product);}}
```

Algorithm:



Program 6: Swap 2 numbers using temporary variable

```
public class swapnumbers{
    public static void main(String[] args){
        float first = 1.20f, second = 2.45f;
    System.out.println(" -- Before swap --");
    System.out.println("First number"+first);
    System.out.println("Second number"+second);
        float temporary = first;
            first = second;
            second = temporary;
    System.out.println(" -- After swap --");
    System.out.println("First number "+first);
    System.out.println("second number"+second);}}
```

Algorithm: