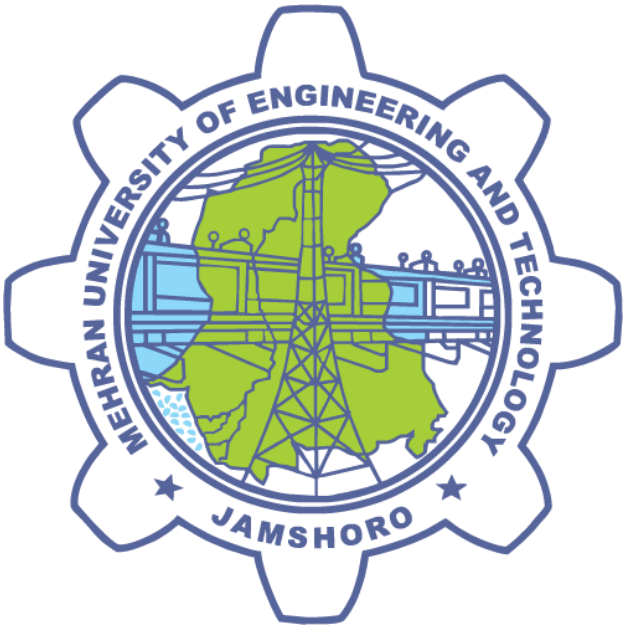


Submitted to:

Sir Asif Aziz Memon

By:

Haiqa Nayab (20BSCS024)

CLASS WORK

Write a program that asks the user to input a number (Either 1 or 2) if the input is 1 then the program will display list of odd numbers up to 100, if the input is 2 then the program will display list of even numbers and if the input is other number except 1 or 2 then the program will display error message.

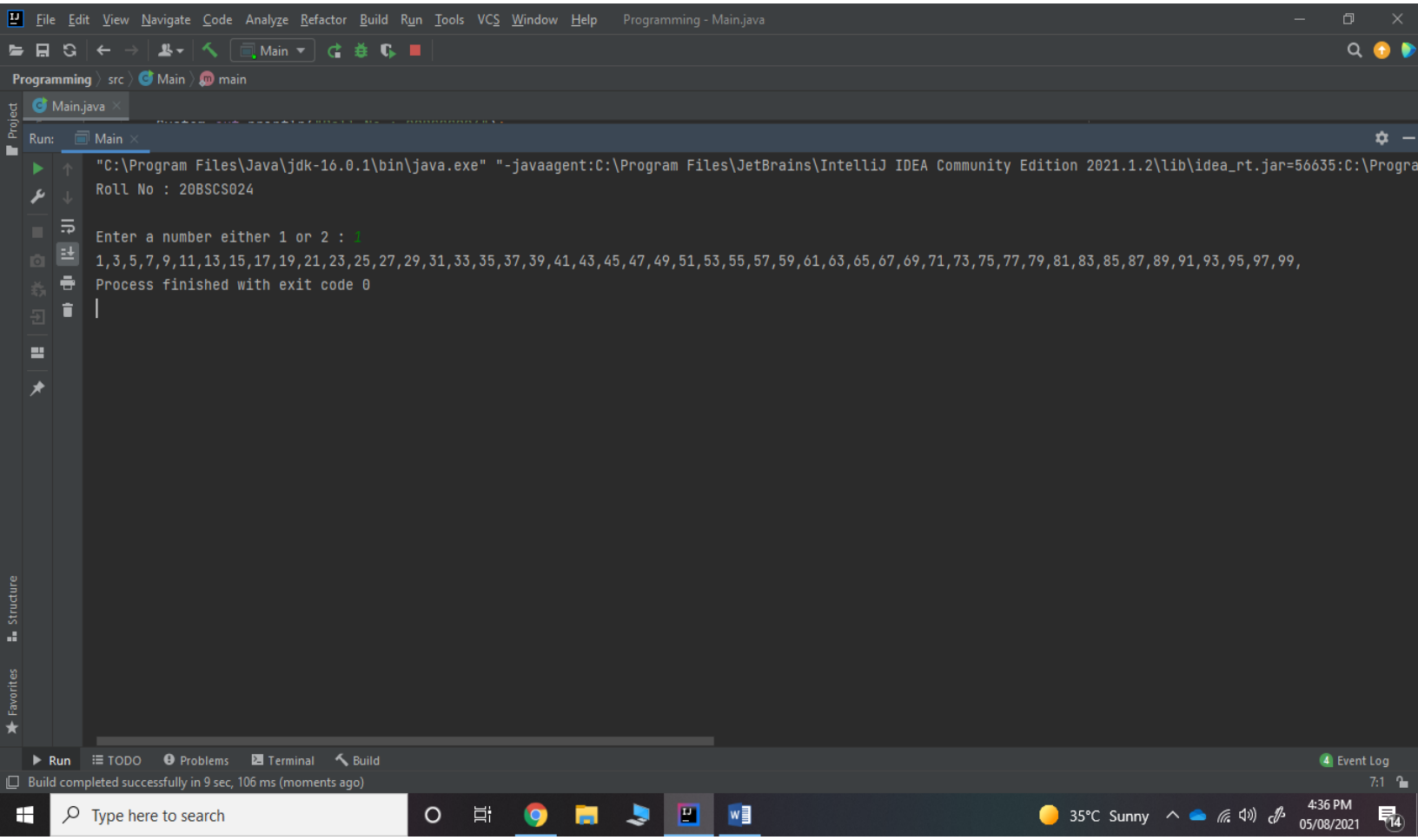
Code:

```
import java.util.Scanner;
public class Main {
    public static void main(String[] args) {
       Scanner input = new Scanner (System.in);
        System.out.println("Roll No : 20BSCS024");
        System.out.println();
        System.out.print("Enter a number either 1 or 2 : ");
        int num = input.nextInt();
        if (num == 1)
        {
            for(int i=0;i<=100;i++)
            {
                if(i%2==1)
                {
                    System.out.print(i+",");
```

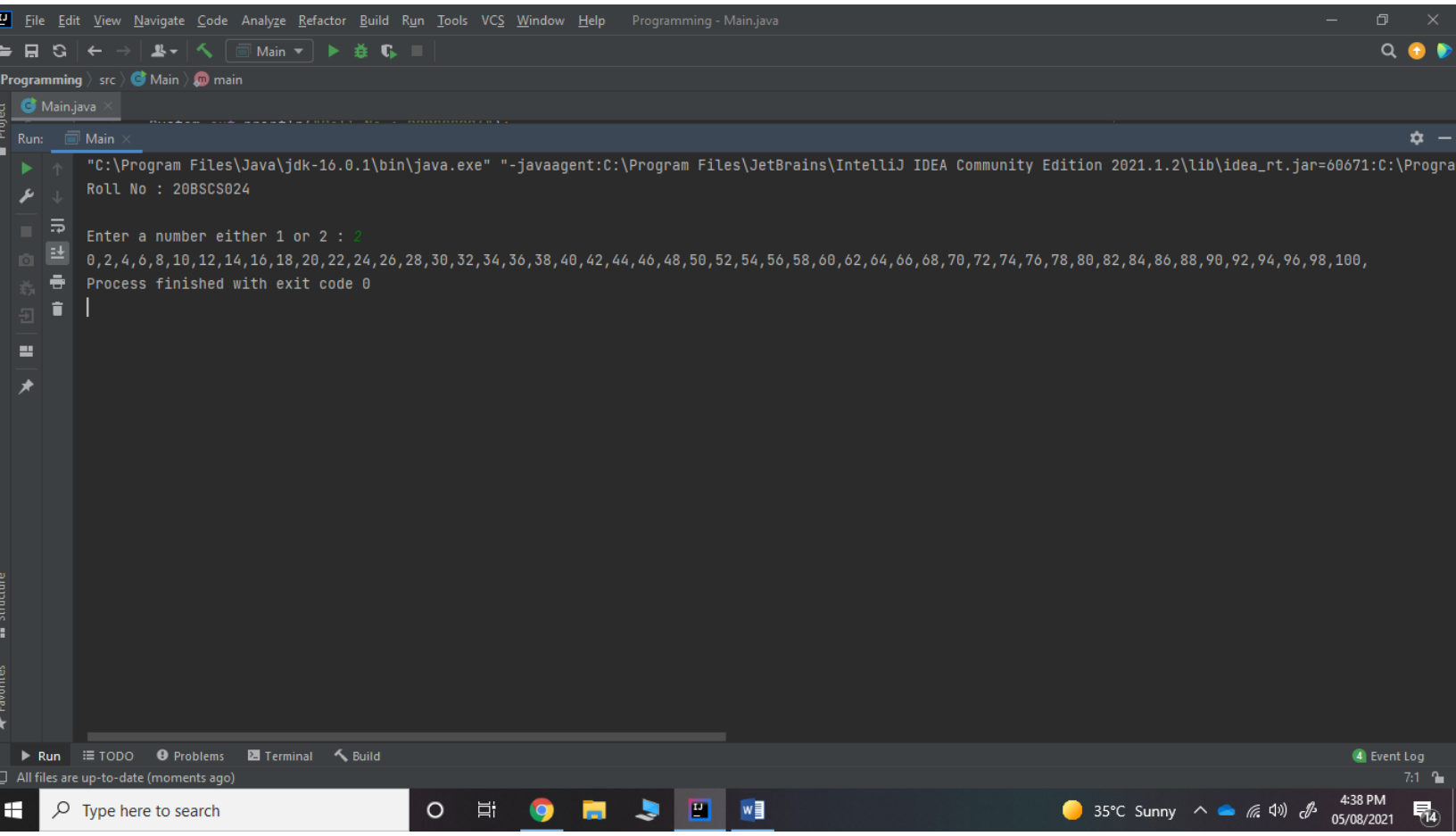
```
            }
        }
    }
    else if (num == 2)
    {
        for(int j=0;j<=100;j++)
        {
            if(j%2==0)
            {
                System.out.print(j+",");
            }
        }
    }
    else
    {
        System.out.println("Sorry! You have entered invalid number. Try Again!");
    }
  }
}
```

Output:

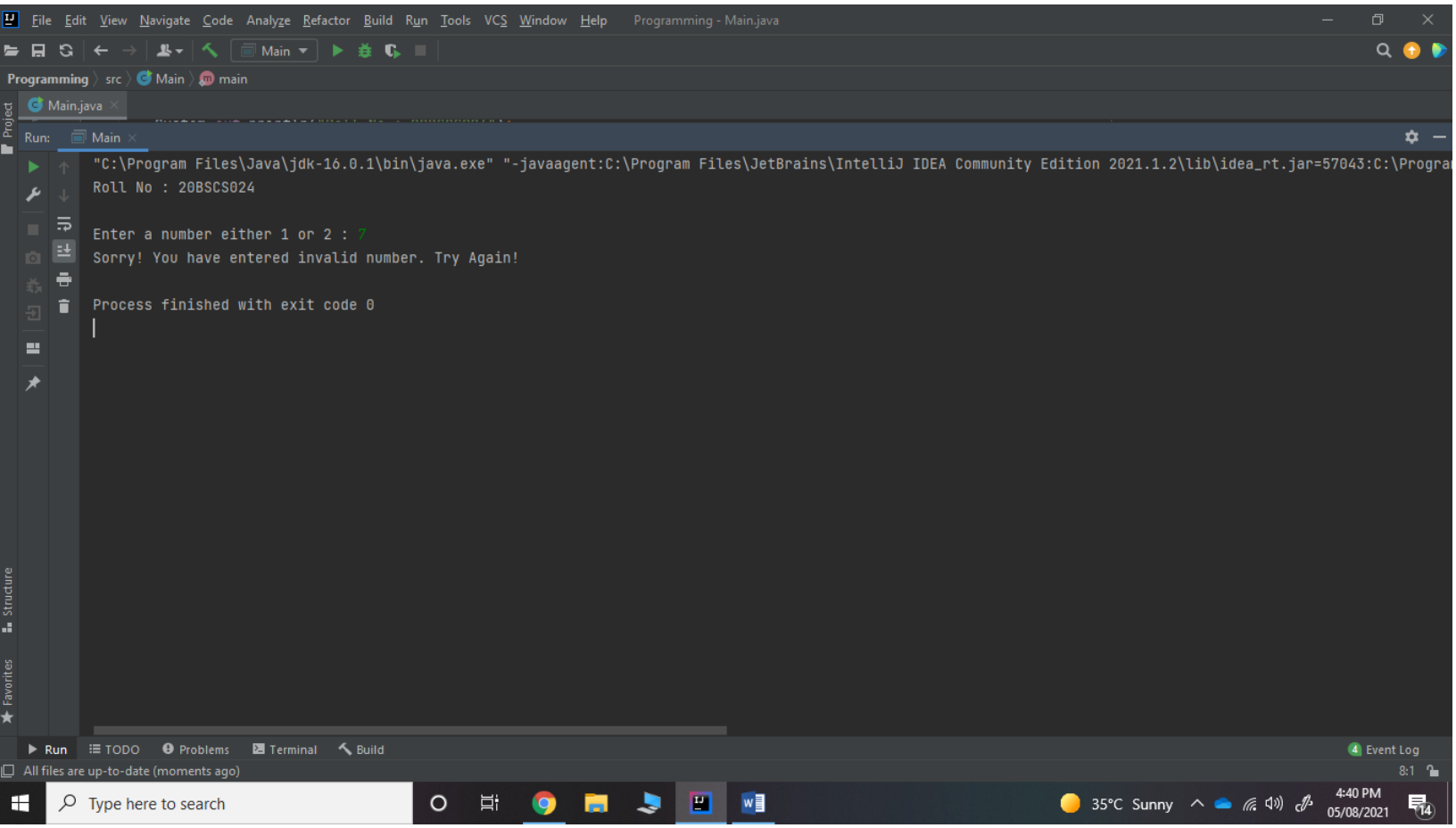
Result 1:



Result 2:


File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
Programming - Main.java
Main
Programming src Main main
Main.java
Run: Main
"C:\Program Files\Java\jdk-16.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.1.2\lib\idea_rt.jar=60671:C:\Progra
Roll No : 20BSCS024
Enter a number either 1 or 2 : 2
0,2,4,6,8,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40,42,44,46,48,50,52,54,56,58,60,62,64,66,68,70,72,74,76,78,80,82,84,86,88,90,92,94,96,98,100,
Process finished with exit code 0
Run TODO Problems Terminal Build
Event Log
All files are up-to-date (moments ago)
7:1
Type here to search
35°C Sunny
4:38 PM
05/08/2021

Result 3:



THE END