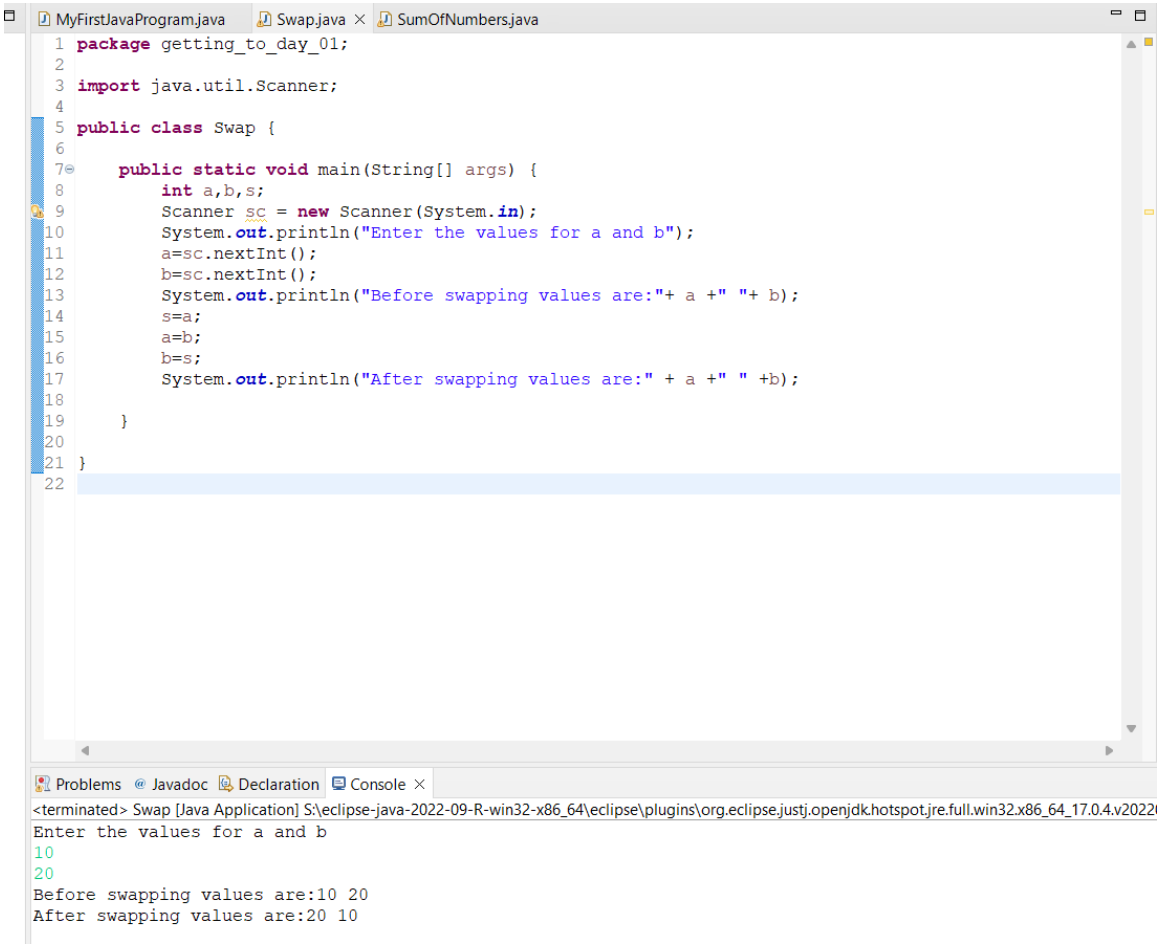
Assignment-01:-

Task 1 – Write a program to swap two number. For example a=10 and b=20 output should be a=20 and b=10

```
import java.util.Scanner;

public class Swap {

	public static void main(String[] args) {

		int a,b,s;

		Scanner sc = new Scanner(System.in);

		System.out.println("Enter the values for a and b");

		a=sc.nextInt();

		b=sc.nextInt();

		System.out.println("Before swapping values are:"+ a +" "+ b);

		s=a;

		a=b;

		b=s;

		System.out.println("After swapping values are:" + a +" " +b);

	}

}
```

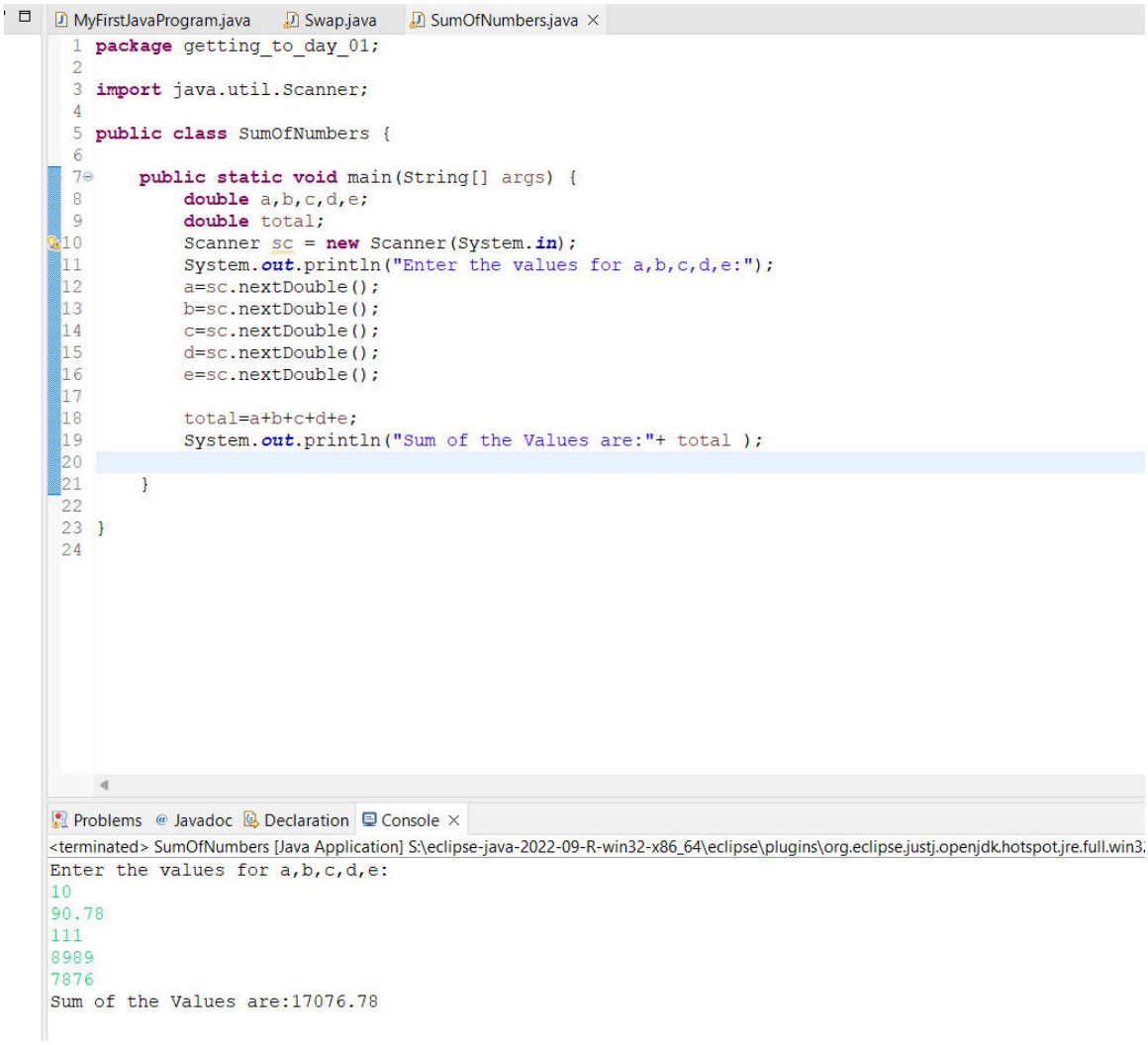


Task 2- Write a program to print the sum of below 5 numbers.

10,90.78,111,8989,7876

```
import java.util.Scanner;

public class SumOfNumbers {

	public static void main(String[] args) {

		double a,b,c,d,e;

		double total;

		Scanner sc = new Scanner(System.in);

		System.out.println("Enter the values for a,b,c,d,e:");

		a=sc.nextDouble();

		b=sc.nextDouble();

		c=sc.nextDouble();

		d=sc.nextDouble();

		e=sc.nextDouble();
```

```
            total=a+b+c+d+e;

            System.out.println("Sum of the Values are:"+ total );

        }

}
```

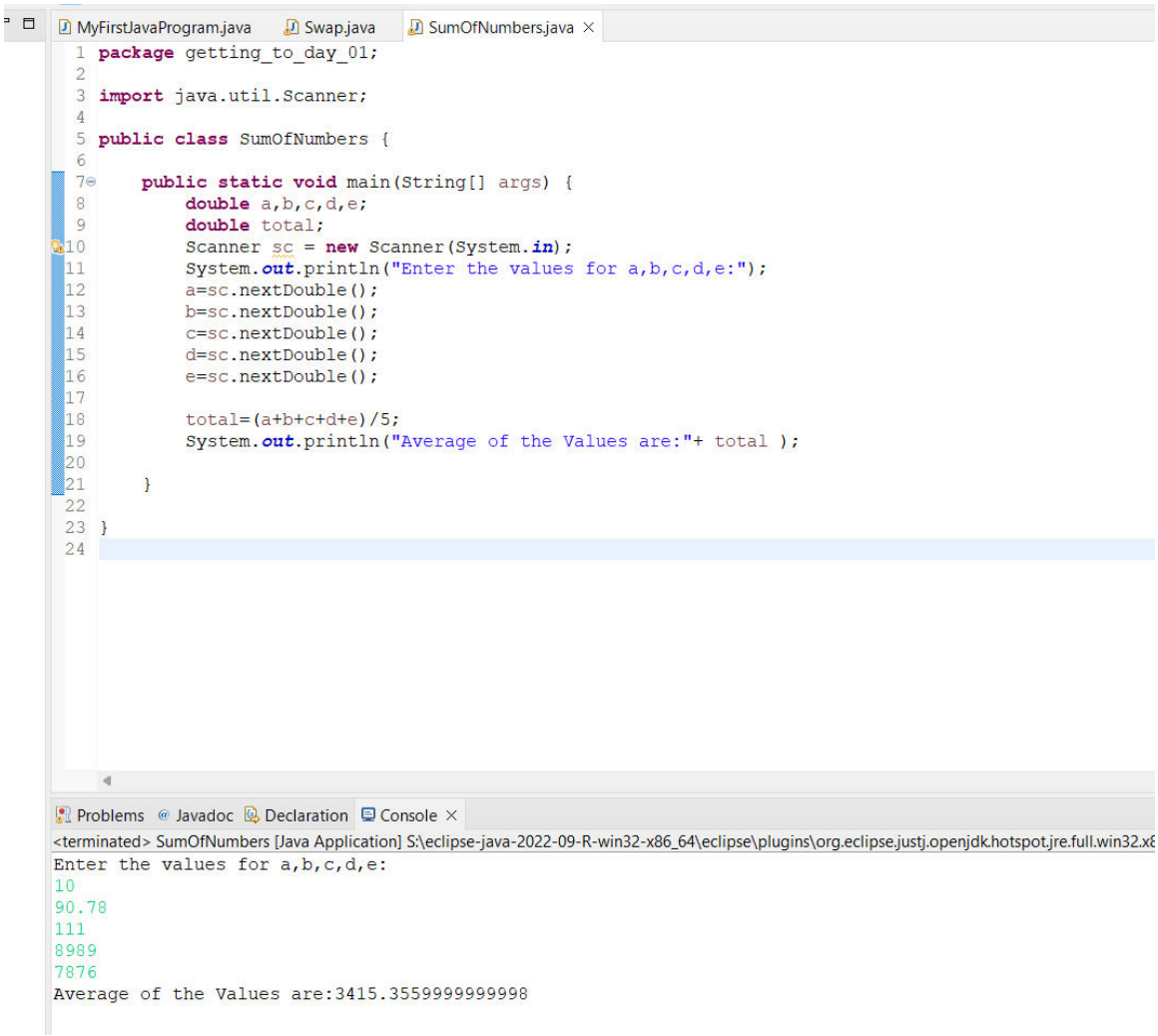


3.Task 3- Write a program to print the average of below 5 numbers.

10,90.78,111,8989,7876

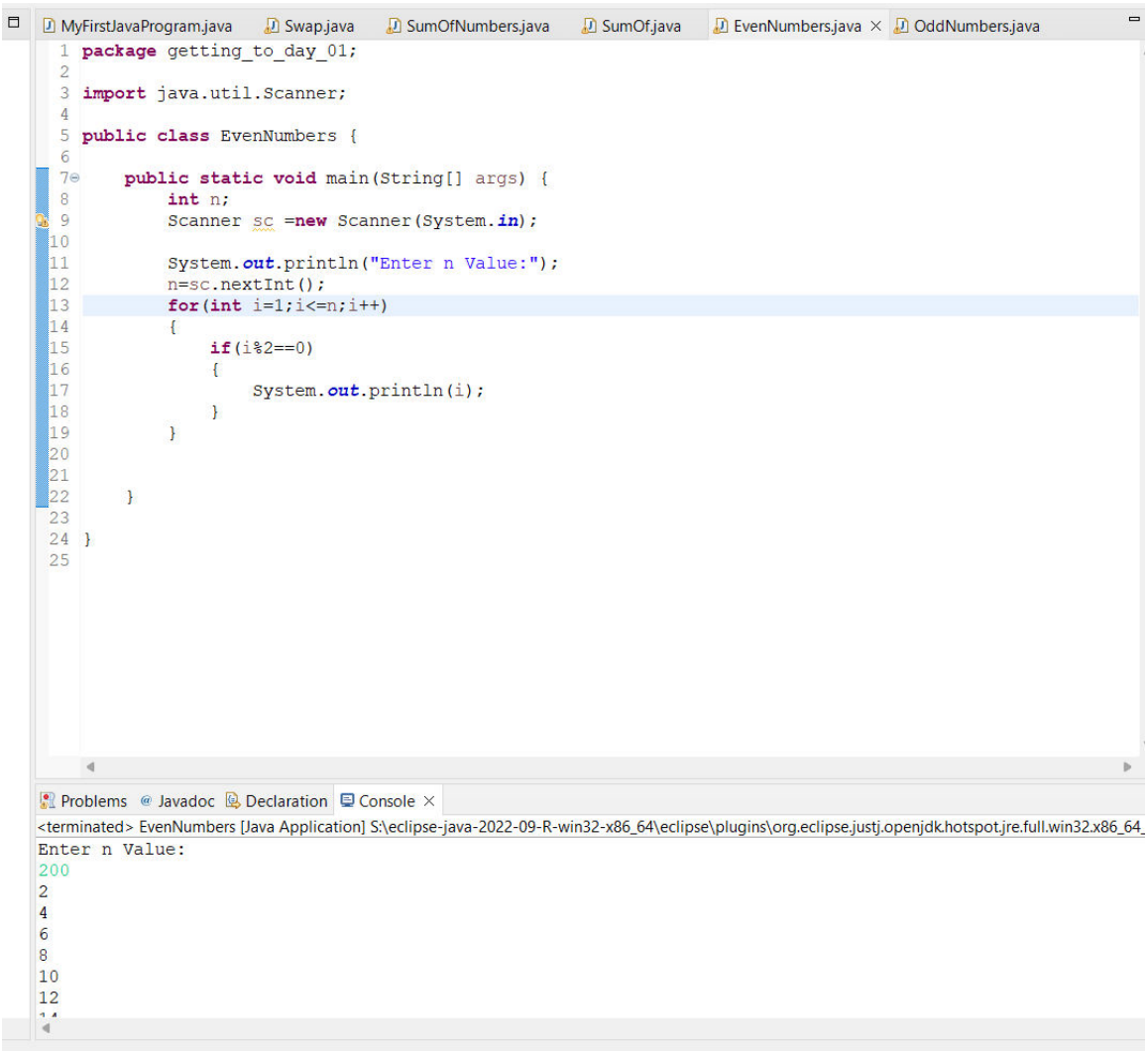
```
import java.util.Scanner;

public class SumOfNumbers {

        public static void main(String[] args) {

                double a,b,c,d,e;

                double total;
```

```
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the values for a,b,c,d,e:");
        a=sc.nextDouble();
        b=sc.nextDouble();
        c=sc.nextDouble();
        d=sc.nextDouble();
        e=sc.nextDouble();
        total=(a+b+c+d+e)/5;
        System.out.println("Average of the Values are:"+ total );
    }
}
```



Task 4- Write a program to print all even numbers from 1-200

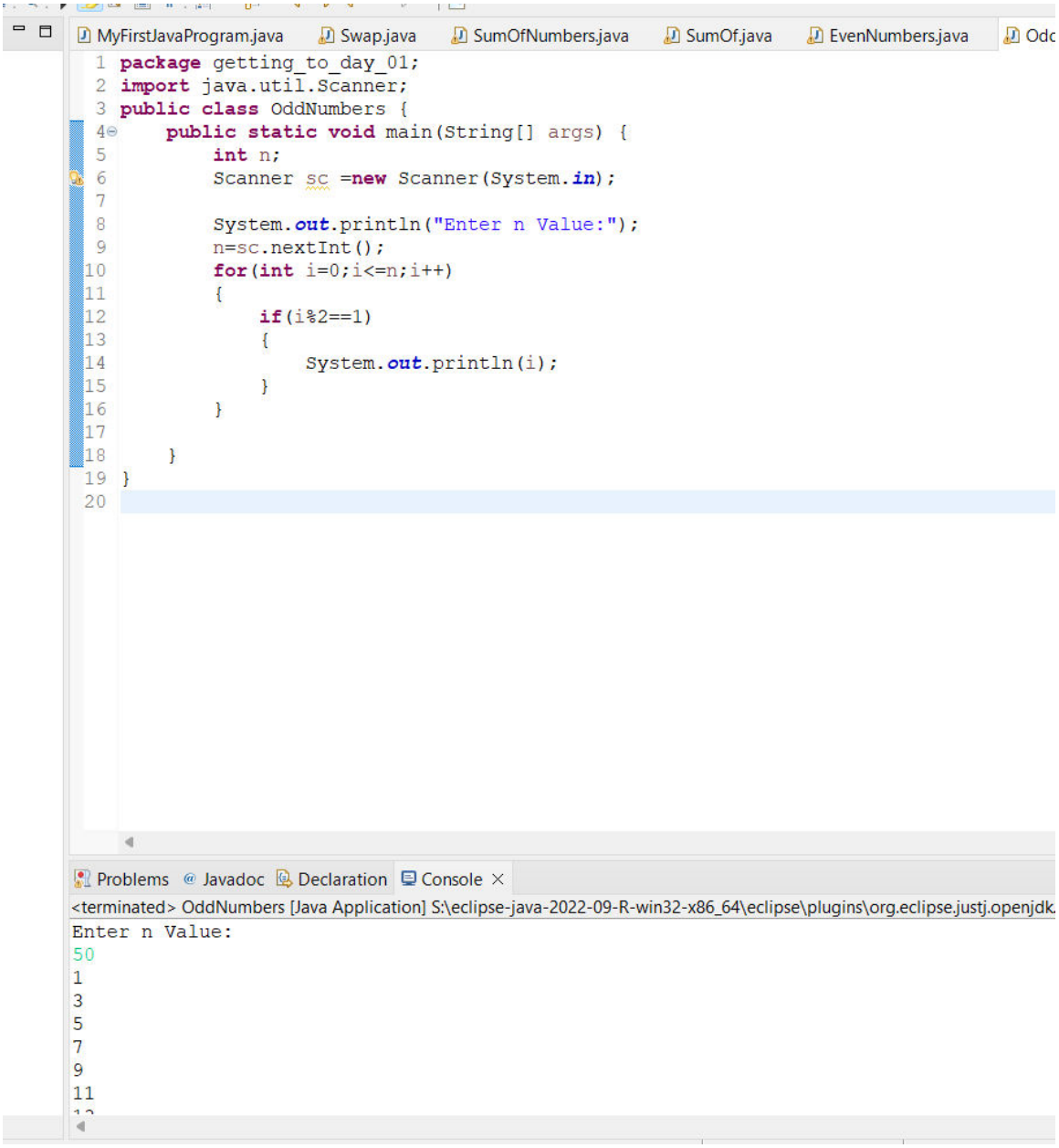
```java
import java.util.Scanner;
public class EvenNumbers {
	public static void main(String[] args) {
		int n;
		Scanner sc =new Scanner(System.in);

		System.out.println("Enter n Value:");
		n=sc.nextInt();
		for(int i=0;i<=n;i++)
		{
			if(i%2==0)
			{
				System.out.println(i);
			}
		}
}
}
```



Task 5- Write a program to print all odd numbers from 1-50

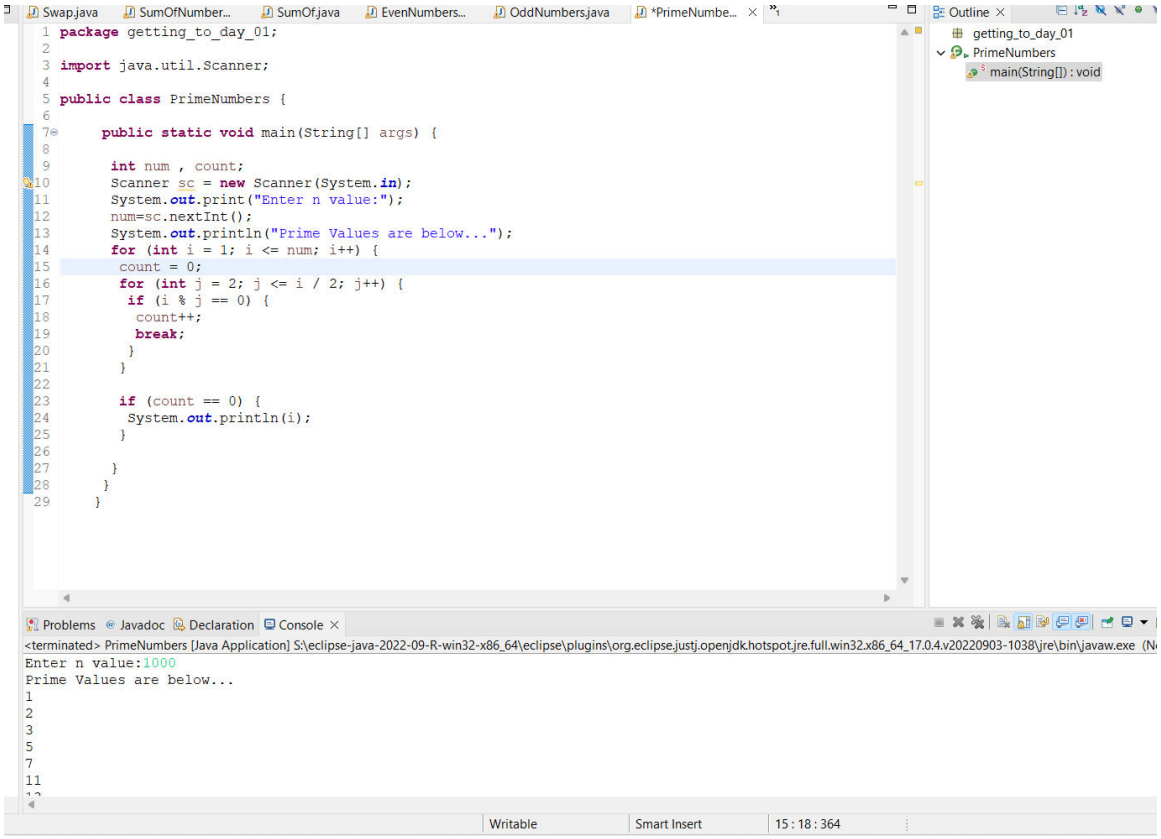
```
package getting_to_day_01;

import java.util.Scanner;

public class OddNumbers {

	public static void main(String[] args) {

		int n;

		Scanner sc =new Scanner(System.in);


		System.out.println("Enter n Value:");

		n=sc.nextInt();

		for(int i=0;i<=n;i++)
```

```
            {
                    if(i%2==1)
                    {
                            System.out.println(i);
                    }
            }

    }
}
```



Task 6- Write a program to print all prime numbers from 1-1000

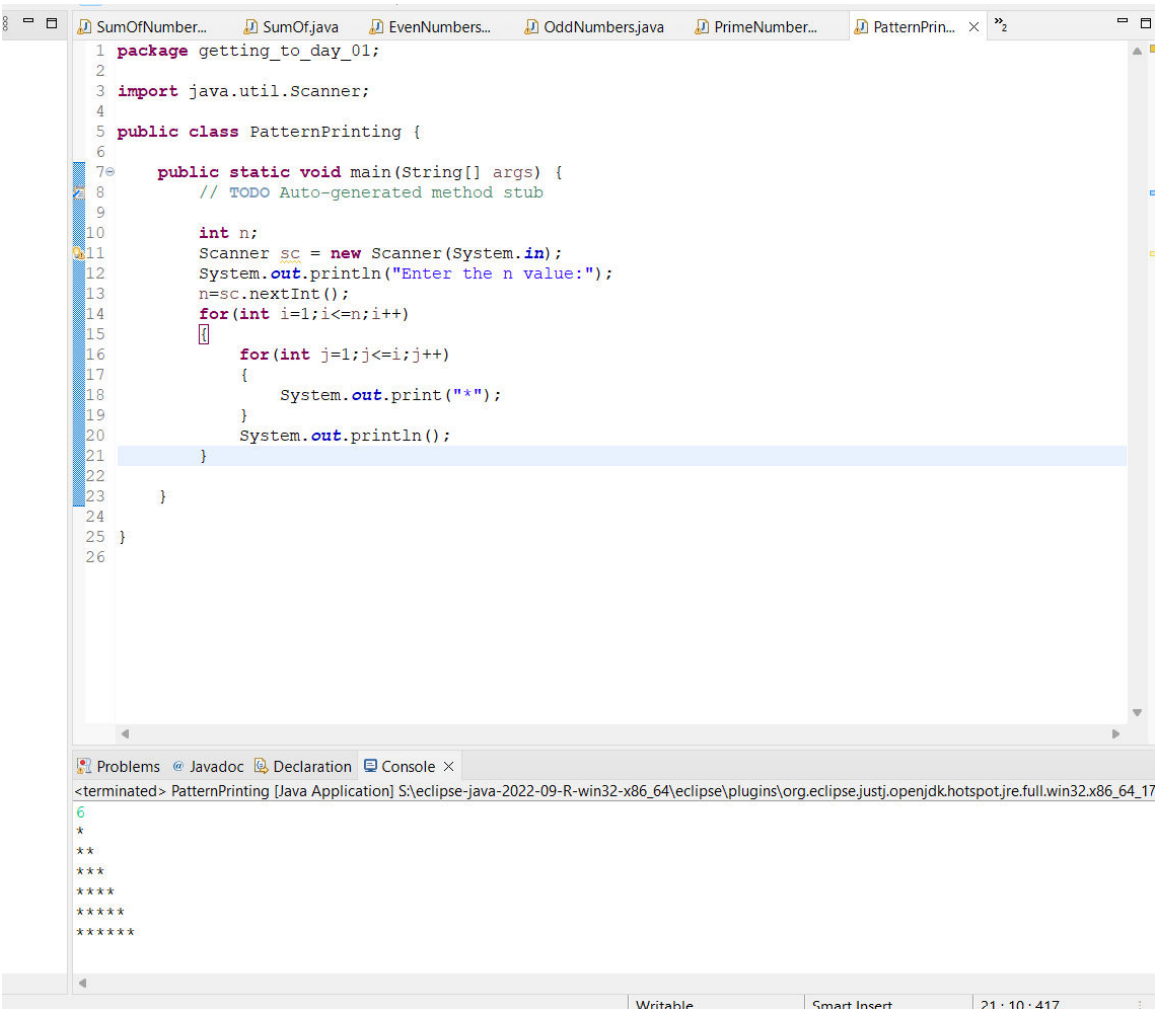
```
package getting_to_day_01;

import java.util.Scanner;

public class PrimeNumbers {

        public static void main(String[] args) {

         int num , count;
         Scanner sc = new Scanner(System.in);
         System.out.print("Enter n value:");
         num=sc.nextInt();
         System.out.println("Prime Values are below...");
         for (int i = 1; i <= num; i++) {
          count = 0;
          for (int j = 2; j <= i / 2; j++) {
           if (i % j == 0) {
            count++;
            break;
           }
          }

          if (count == 0) {
           System.out.println(i);
          }

         }
        }
       }
```



Task 7- Write a program to print below pattern

```
package getting_to_day_01;

import java.util.Scanner;

public class PatternPrinting {

	public static void main(String[] args) {

		int n;

		Scanner sc = new Scanner(System.in);

		System.out.println("Enter the n value:");

		n=sc.nextInt();

		for(int i=1;i<=n;i++)

		{

			for(int j=1;j<=i;j++)

			{

				System.out.print("*");

			}

			System.out.println();
```

```
        }
    }
}
```



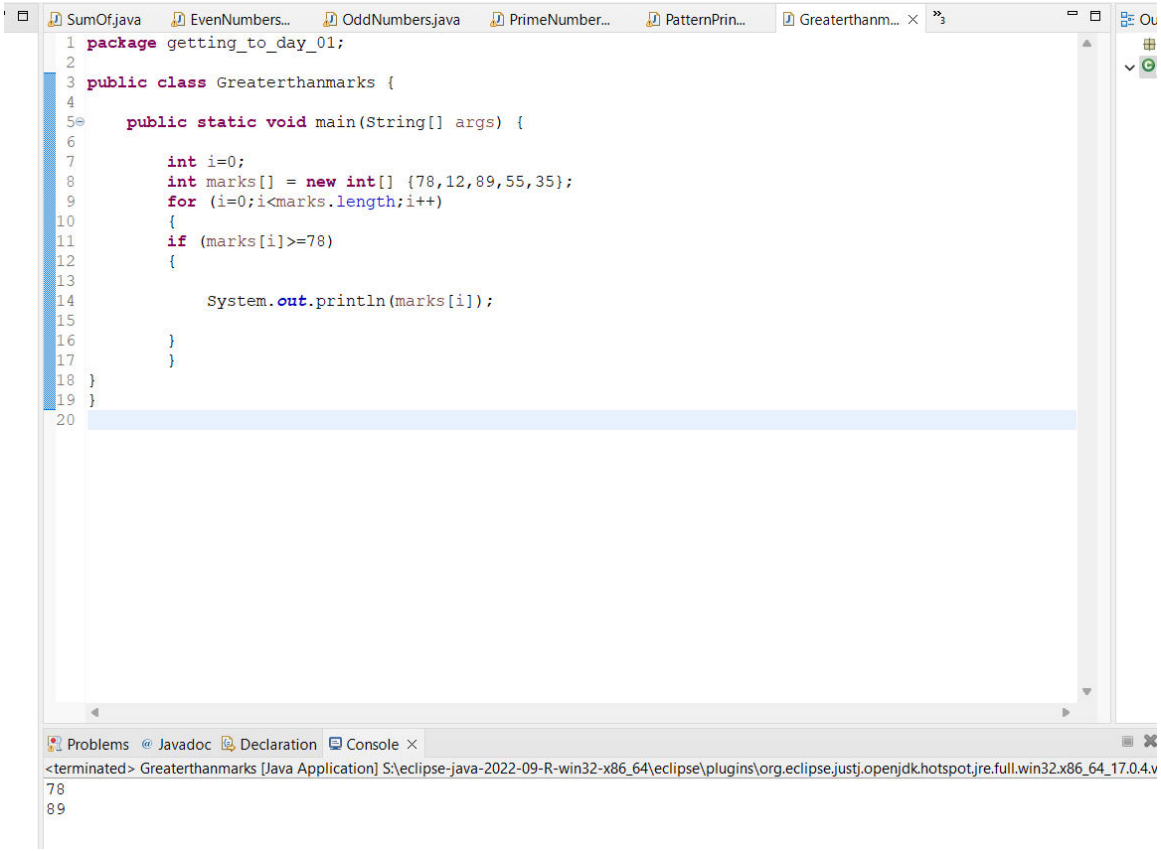
Task 8- Write a program to print below students marks who have scored above 80

Example- 78,12,89,55,35

Output- 78,89

```
public class Greaterthanmarks {
	public static void main(String[] args) {
		int i=0;
		int marks[] = new int[] {78,12,89,55,35};
		for (i=0;i<marks.length;i++)
		{
```

```
            if (marks[i]>=78)
            {
                System.out.println(marks[i]);
            }
            }
}
}
```

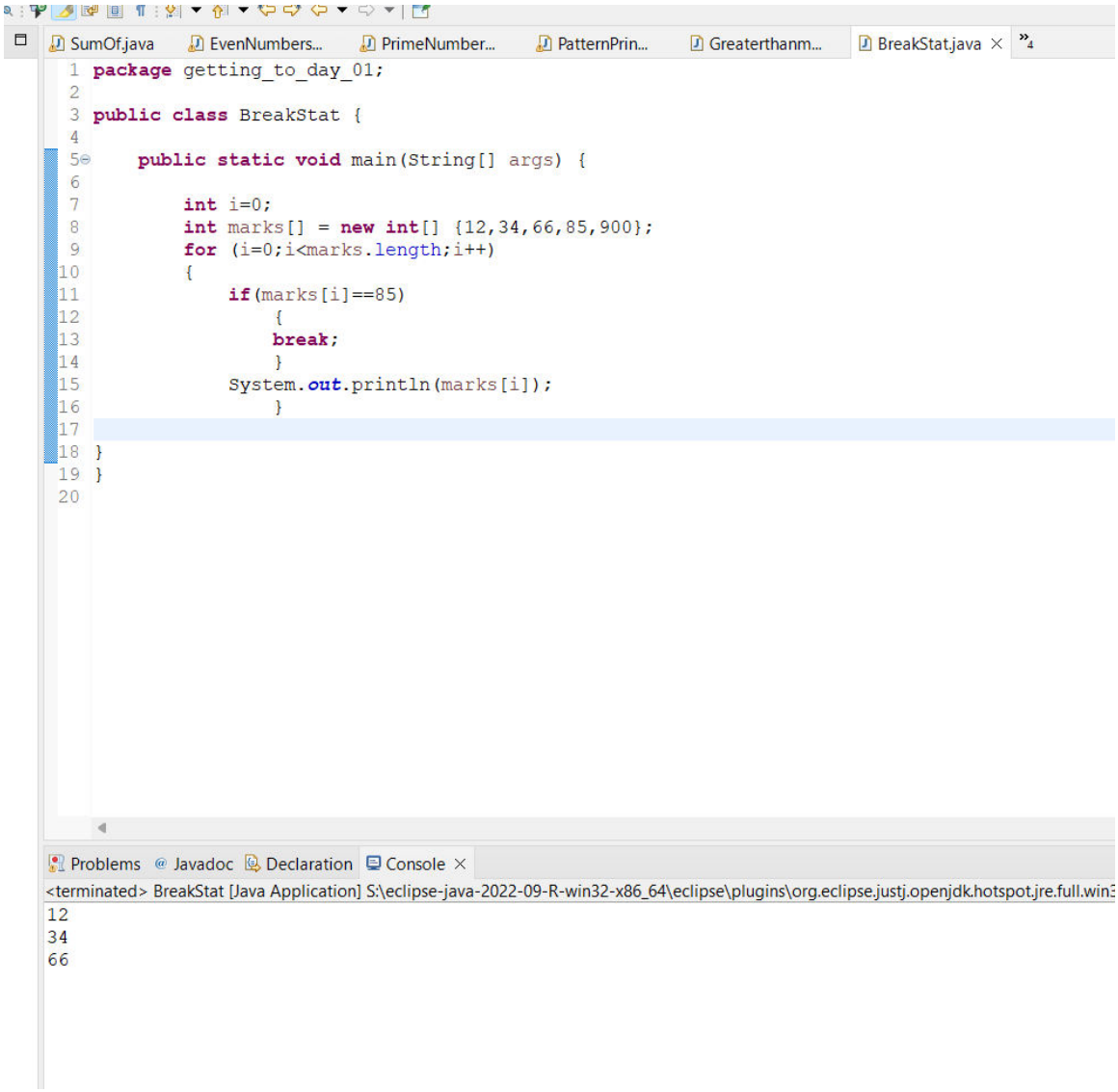


Task 9- Write a program which will break the current execution if it find number 85

Input - [12,34,66,85,900]

```
package getting_to_day_01;


public class BreakStat {


    public static void main(String[] args) {
```

```
		int i=0;
		int marks[] = new int[] {12,34,66,85,900};
		for (i=0;i<marks.length;i++)
		{
			if(marks[i]==85)
				{
				break;
				}
			System.out.println(marks[i]);
				}

}
}
```



Task 10- Write a program which will break the current execution if it find "Selenium"

Input - ["Java","JavaScript","Selenium","Python","Mukesh"]

```
public class BreakStatString {

	public static void main(String[] args) {

		int i=0;

		String marks[] = new String[]
{"Java","JavaScript","Selenium","Python","Mukesh"};

		for (i=0;i<marks.length;i++)

		{

			if(marks[i]=="Selenium")

				{
```

```
                    break;

                    }

                System.out.println(marks[i]);

                    }

}

}
```