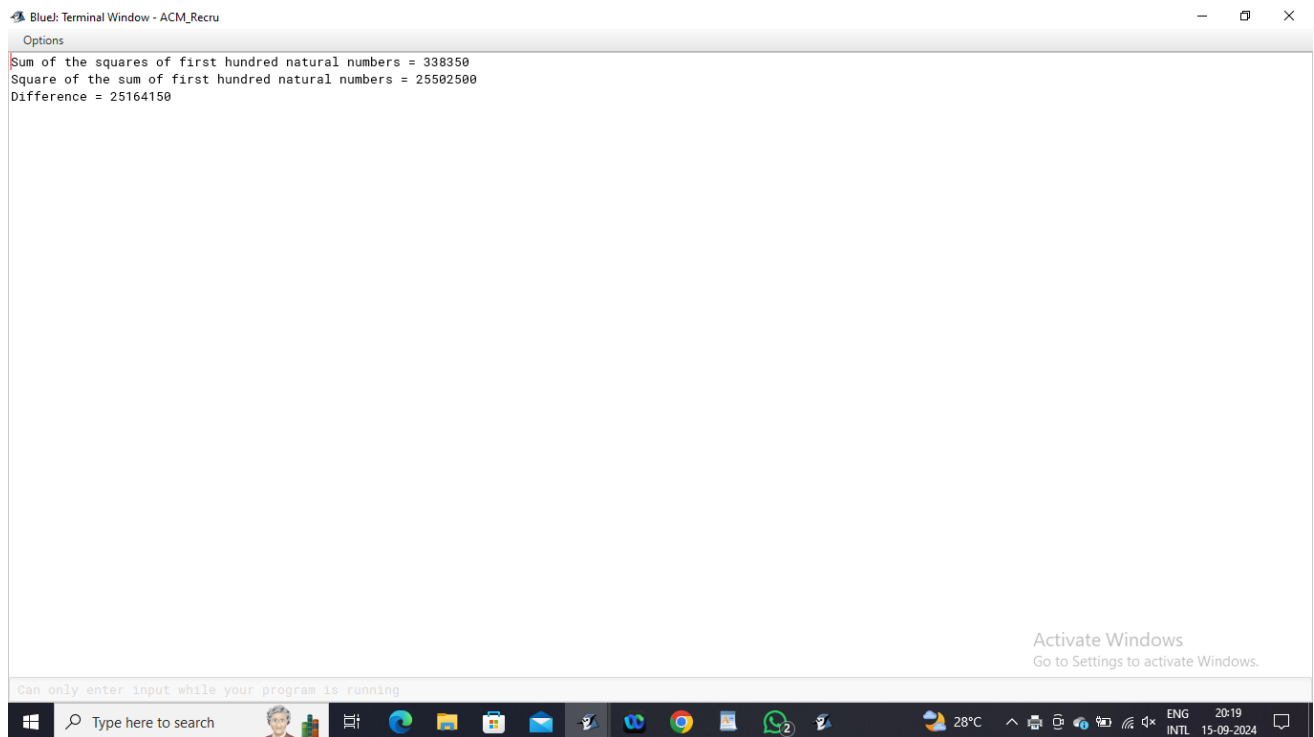```java
import java.util.*;
class Sum_Square_Difference
{
    void main()
    {
        long sum_of_sqs=0, sum=0, difference=0;
        for(int i=0;i<=100;i++)
        {
            sum_of_sqs+=i*i;   //addition of the squares of numbers 1-100
            sum+=i;   //addition of numbers 1-100
        }
        difference =(long)(Math.pow(sum,2)- sum_of_sqs);
        System.out.println("Sum of the squares of first hundred natural numbers = "+sum_of_sqs);
        System.out.println("Square of the sum of first hundred natural numbers = "+(sum*sum));
        System.out.println("Difference = "+difference);
    }
}
```

BlueJ: Terminal Window - ACM_Recru

Options

```
Sum of the squares of first hundred natural numbers = 338350
Square of the sum of first hundred natural numbers = 25502500
Difference = 25164150
```

Can only enter input while your program is running