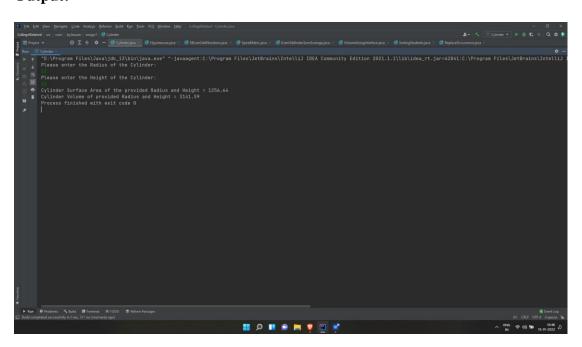
OOPM ASSIGNMENT 1.

Name: Gaurav Amarnani. Roll No. 67.

1. WAP to calculate the total surface area and volume of the cylinder . Make use of keyword final.

Program:

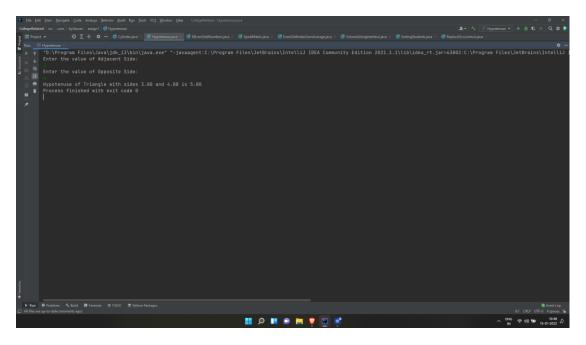
```
| Description | Section |
```



2. WAP to calculate the hypotenuse of a right angled triangle when other sides of the triangle are given.

Program:

```
| The first the Despie Cost show Define And No. Define 200 Completed Highermore Subjected std. In private and Polymerus Subjected Std. In private Std. | The Std. | T
```



3. Write a program to print first n even and odd nos. take the value of n from the keyboard via command line argument.

Program:

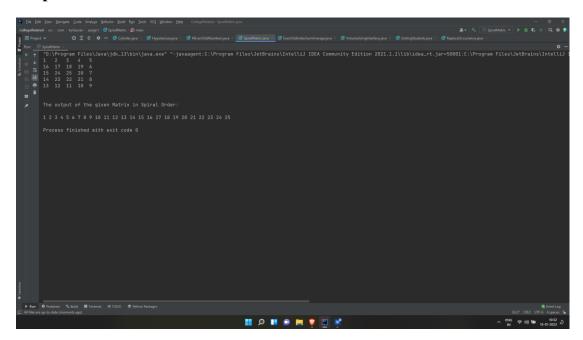
```
| In the Continue of Name of State of S
```

4. WAP to Print the spiral Matrix of order 5:

Program:

```
## Part | Part
```

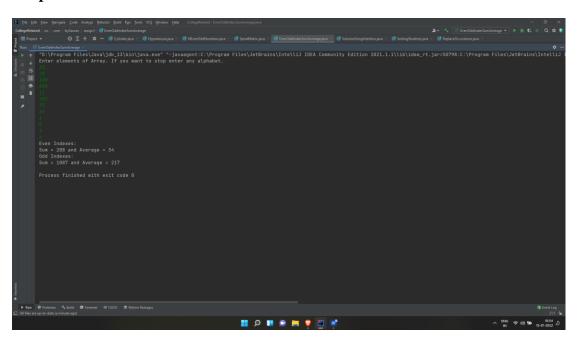
```
The plane power can always have being bloom and the plan NS grades pay. Completed by the control power and the plane pay of the control power and the plane pay of the control power and the plane pay of the pay of the plane pay of the plane pay of the plane pay of the pay of the
```



5. WAP to find sum and average of numbers on even and odd indexes in the array entered by the user.

Program:

```
### Provided the Control (Control (Con
```

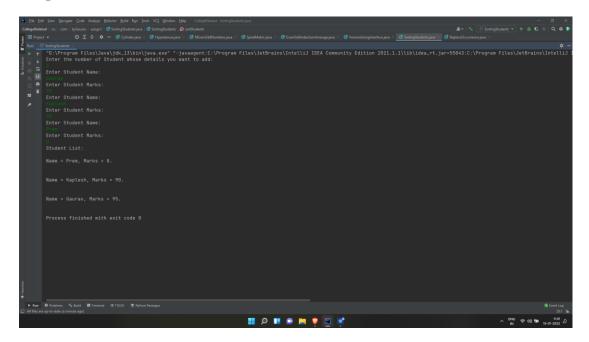


6. WAP to sort the list of students on the basis of their marks.

Program:

```
| The late two papers (as Many Drive Bad No. 20 th No. 20 plants by Schoolstoners and Schoolstoners an
```

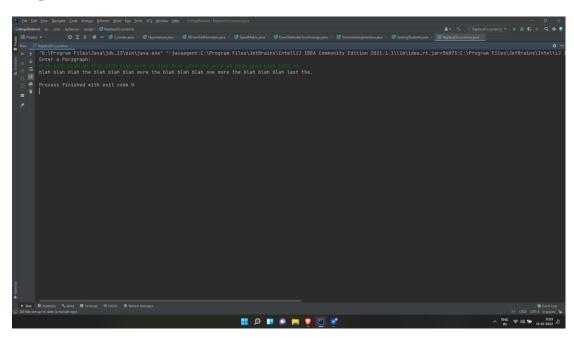
```
| Description | Color Section | Color Section
```



7. WAP to create a long string and replace all the occurrence of 'an' with 'the'.

Program:

```
De Dat the Bengin Can Anny Dirace Ball Type Date Not State Day Compensate Engineers State Date State S
```



8. Predict the output:

Output:

We cannot call the super() outside constructor. So basically Syntax / Compile Time Error.

```
Name: Gaurav Amarnani. Roll No. 67.
```

9. Predict the output:

```
Program:
```

```
public class Mysub extends Mysuper {
    public static void MyMethod() {
        System.out.println("static method in subclass");
    }
    public void MyMethod() {
        System.out.println("Non-static method in subclass");
    }
    public static void main(String args[]) {
            MySuper s=new MySub();
            S.MyMethod();
        }
}
class MySuper {
        public static void MyMethod() {
            System.out.println("Static Method in super class");
        }
}
```

Output:

Typo of 'MySuper' and 'MySub', but other than that you cannot have a same method MyMethod() inside a class (MySub). The non-static method is the issue cause the Super class has the static method and the sub class should override the same.

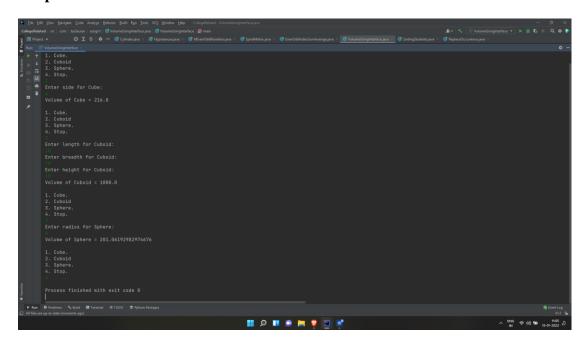
10. WAP to calculate volume of cube, cuboid and sphere using interfaces.

Program:

```
The life lime Bears have being black being black both bit by light the common control of the common between the first light the common between the
```

```
| State | State | Design | Color | Annual | State | Design | Color | Annual | Color |
```

Output:



----- XXXXXXX -----