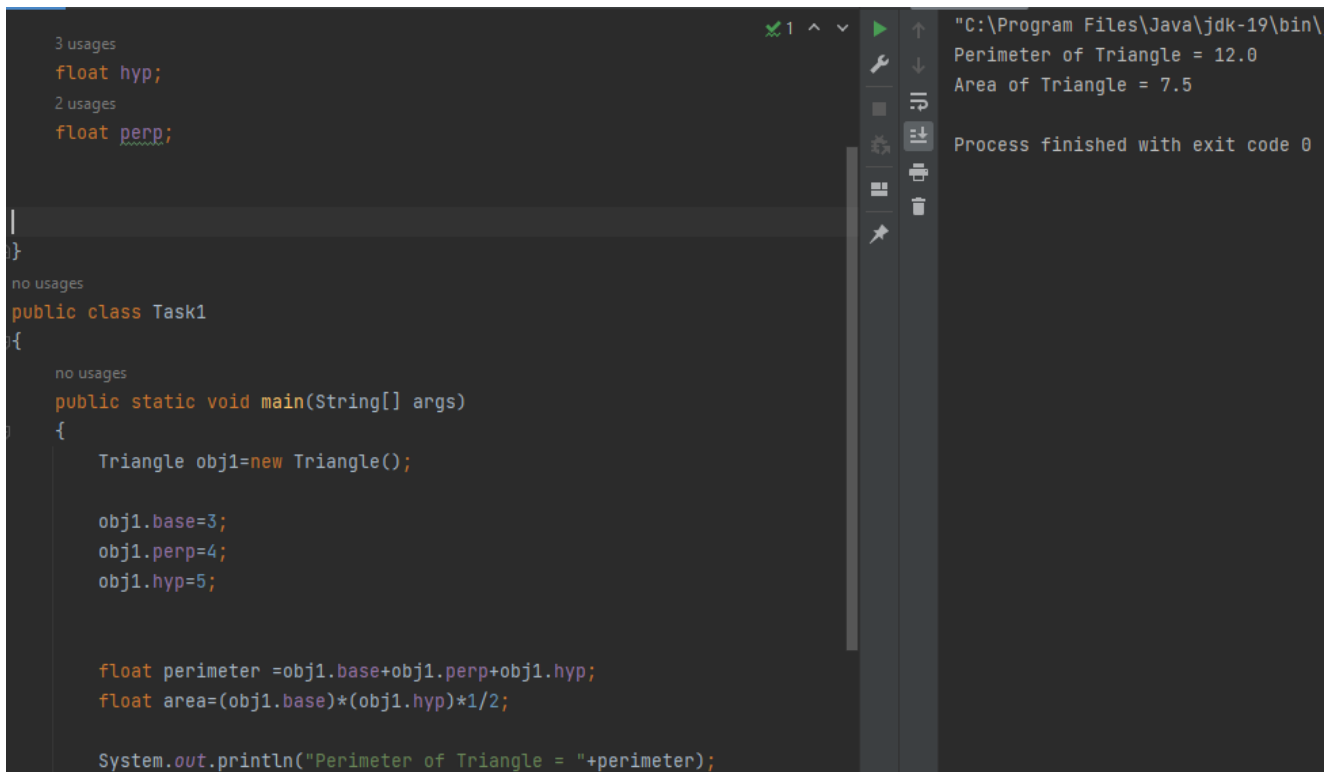


Task 1



The screenshot shows an IDE with a Java file named Task1.java. The code defines a Triangle class with attributes base, perp, and hyp, and a main method that creates a Triangle object and calculates its perimeter and area. The output window shows the results of the program execution.

```
3 usages
float hyp;
2 usages
float perp;

}
}
no usages
public class Task1
{
    no usages
    public static void main(String[] args)
    {
        Triangle obj1=new Triangle();

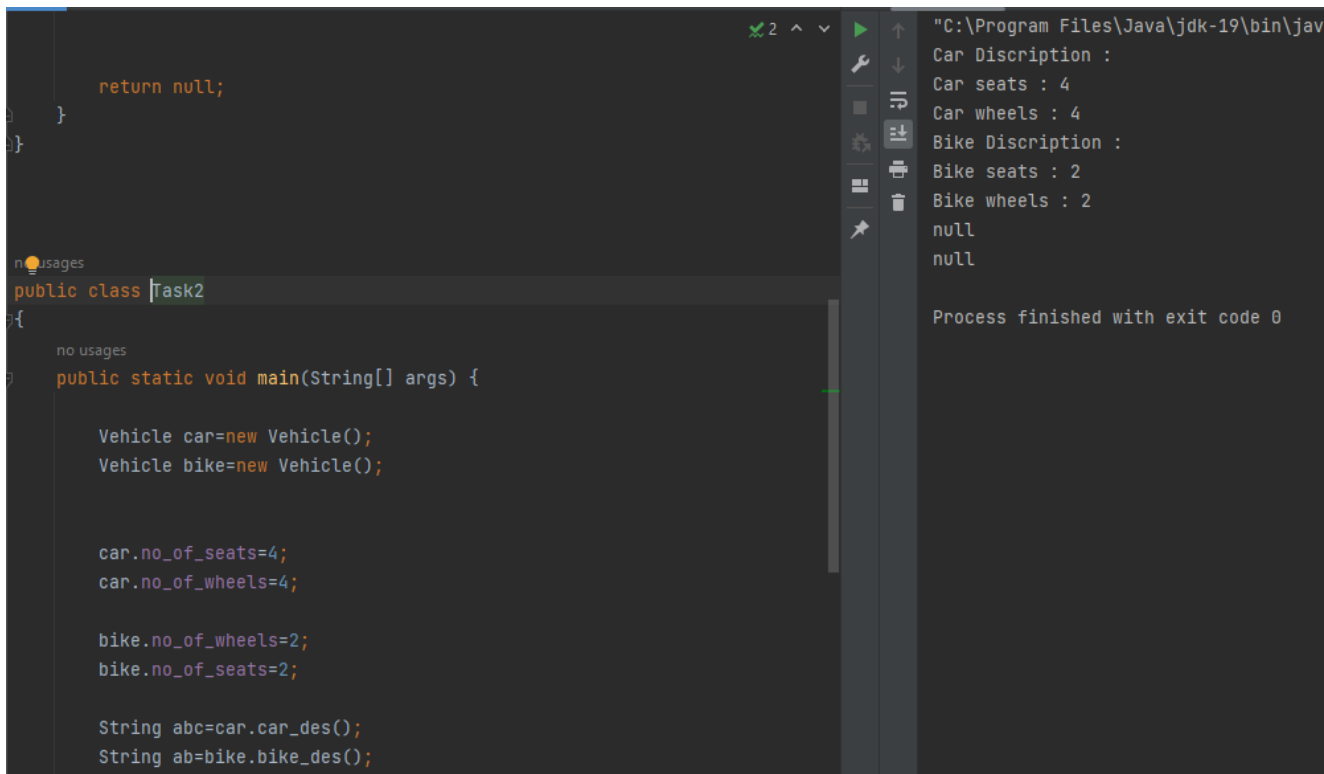
        obj1.base=3;
        obj1.perp=4;
        obj1.hyp=5;

        float perimeter =obj1.base+obj1.perp+obj1.hyp;
        float area=(obj1.base)*(obj1.hyp)*1/2;

        System.out.println("Perimeter of Triangle = "+perimeter);
    }
}
```

"C:\Program Files\Java\jdk-19\bin\jav
Perimeter of Triangle = 12.0
Area of Triangle = 7.5
Process finished with exit code 0

Task 2



The screenshot shows an IDE with a Java file named Task2.java. The code defines a Vehicle class with attributes no_of_seats and no_of_wheels, and a main method that creates Vehicle objects for a car and a bike, and prints their descriptions. The output window shows the results of the program execution.

```
return null;
}
}
no usages
public class Task2
{
    no usages
    public static void main(String[] args) {
        Vehicle car=new Vehicle();
        Vehicle bike=new Vehicle();

        car.no_of_seats=4;
        car.no_of_wheels=4;

        bike.no_of_wheels=2;
        bike.no_of_seats=2;

        String abc=car.car_des();
        String ab=bike.bike_des();
    }
}
```

"C:\Program Files\Java\jdk-19\bin\jav
Car Discription :
Car seats : 4
Car wheels : 4
Bike Discription :
Bike seats : 2
Bike wheels : 2
null
null
Process finished with exit code 0

Task 3

```
no usages
public class Task3
{
    no usages
    public static void main(String[] args)
    {
        average obj1=new average();

        Scanner input =new Scanner(System.in);
        System.out.println("Enter the three numbers :");
        obj1.num1=input.nextInt();
        obj1.num2=input.nextInt();
        obj1.num3=input.nextInt();

        int aver=obj1.ave();
        System.out.println("Average = "+aver);
    }
}
```

"C:\Program Files\Java\jdk-19\bin\

Enter the three numbers :

0

4

8

Average = 6

Process finished with exit code 0

Task 4

```
1 usage
int returnarea() { return lenth*width; }
}

no usages
public class Task4
{
    no usages
    public static void main(String[] args)
    {
        area obj1=new area();
        Scanner input=new Scanner(System.in);

        System.out.println("Enter the width :");
        obj1.width= input.nextInt();
        System.out.println("Enter the Length :");
        obj1.lenth= input.nextInt();
    }
}
```

"C:\Program Files\Java\jdk-19\bin\

Enter the width :

0

Enter the Length :

30

Area Of The Reactangle is :30

Process finished with exit code 0

Task 5

```
6 usages
String address;
6 usages
int salary;
}

no usages
public class Task5
{
    no usages
    public static void main(String[] args) {

        employee employee1=new employee();
        employee employee2=new employee();
        employee employee3=new employee();

        employee1.name="Younis";
        employee1.year=2020;
        employee1.address="52-Street";
        employee1.salary=99999999;

        employee2.name="Mubeen";
        employee2.year=2021;
        employee2.address="52-Street";
    }
}
```

Name	year of joining	Address	Salary
Younis	2020	52-Street	99999999
Mubeen	2021	52-Street	99999999
Kashif	2022	52-Street	99999999

Process finished with exit code 0

Task 6

```
}

1 usage
void addSal() {
    if (salary < 500) {
        salary += 10;
    }
}

1 usage
void addWork() {
    if (workHours > 6) {
        salary += 5;
    }
}

1 usage
void printSalary() { System.out.println("Final Salary: " + salary); }

no usages
public static void main(String[] args) {
    task0 employee = new task0();

    employee.getInfo();
    employee.addSal();
    employee.addWork();
}
```

Enter the salary: 550
Enter the number of hours of work per day: 8
Final Salary: 555.0

Process finished with exit code 0

Task 7 & 8

```
if(row==col)
{
    System.out.println("Addition of both matrix a and mat
    for(int i=0;i<row;i++)
    {
        for(int j=0;j<col;j++)
        {
            System.out.print(x[i][j]+y[i][j]+" ");
        }
        System.out.println();
    }
}
else
{
    System.out.println("Can Not Add These Matric Because
}
}
1 usage
void mult()
{
    System.out.println("multiplication of of both matrix 1 an
    for(int i=0;i<row;i++)
    {
        for(int j=0;j<col;j++)
        {

```

"C:\Program Files\Java\jdk-19\bin\java.exe" "-java
1 2
3 4
matrix 1 :
1 2
3 4
matrix 2 :
3 2
1 0
Addition of both matrix a and matrix 2 :
4 4
4 4
multiplication of of both matrix 1 and matrix 2 :
5 2
13 6

Process finished with exit code 0