

**Aim:**

Five bikers compete in a race such that they drive at a constant speed which may or may not be the same as the other.

To qualify the race, the speed of a racer must be more than or equal to the average speed of all the 5 racers.

Take as input the speed of each racer and print back the speeds of qualifying racers.

Write a class `Race` with a method `main(String[] args)`. The main method receives five arguments. You can write code to parse them into `double` data type.

For example, if the values `54.55, 53.57, 54, 56.25, 57.30` are passed as arguments to the `main()` method, then the output should be

The speed of the racers  $\geq$  average speed 55.134 : 56.25 57.30.

**Note:** Make sure to use the `print()` method and not the `println()` method.

**Source Code:**`Race.java`

```
class Race
{
    public static void main(String args[]) {
        double s1,s2,s3,s4,s5,Avg;
        s1 = Double.parseDouble(args[0]);
        s2 = Double.parseDouble(args[1]);
        s3 = Double.parseDouble(args[2]);
        s4 = Double.parseDouble(args[3]);
        s5 = Double.parseDouble(args[4]);
        Avg = (s1+s2+s3+s4+s5)/5;
        System.out.print("The speed of the racers  $\geq$  average speed "+Avg+": ");
        if(s1>Avg)
        {
            System.out.print(", "+s1);
        }
        if(s2>Avg)
        {
            System.out.print(", "+s2);
        }
        if(s3>Avg)
        {
            System.out.print(", "+s3);
        }
        if(s4>Avg)
        {
            System.out.print(", "+s4);
        }
        if(s5>Avg)
        {
            System.out.print(", "+s5);
        }
    }
}
```

```
}  
}
```

### Execution Results - All test cases have succeeded!

Test Case - 1
User Output
The speed of the racers >= average speed 54.855999999999995: ,81.6,58.19,79.42

  

Test Case - 2
User Output
The speed of the racers >= average speed 78.0032: ,96.21,87.26,105.63