S.No: 3	Exp. Name: ***Write a Java program to print the speeds of qualifying bikers in a Race***	Date:2023-09-12

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 >= average speed 55.134 : 56.25 57.3`.

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

Source Code:

Race.java

```
class Race
{
   public static void main(String a[])
   {
      double[] arr=new double[5];
      double average,sum=0;
      for(int i=0;i<5;i++)
      {
         arr[i]=Double.valueOf(a[i]);
      }
      for(int i=0;i<5;i++)
      sum+=arr[i];
      average=sum/5;
      System.out.print("The speed of the racers >= average speed " +average+": ");
      for(int i=0;i<5;i++)
      {
         if(average<=arr[i])
         System.out.print(","+arr[i]);
      }
   }
}
```

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