S.No: 3	Exp. Name: ***Write a Java program to print the speeds of qualifying bikers in a Race***	Date:2023-09-14

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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

```
//Java program to print the speeds of qualifying bikers in a race
//14/09/2023
//Race.java
public class Race{
   public static void main(String[] args){
      double a,b,c,d,e,avg;
      a=Double.parseDouble(args[0]);
      b=Double.parseDouble(args[1]);
      c=Double.parseDouble(args[2]);
      d=Double.parseDouble(args[3]);
      e=Double.parseDouble(args[4]);
      avg=(a+b+c+d+e)/5;
      System.out.print("The speed of the racers >= average speed "+avg+": ");
      if(a>avg)
      {
         System.out.print(","+a);
      }
      if(b>avg)
      {
         System.out.print(","+b);
      }
      if(c>avg)
      {
         System.out.print(","+c);
      }
      if(d>avg)
      {
         System.out.print(","+d);
      }
      if(e>avg)
      {
```

```
            System.out.print(","+e);
        }
    }
}
```


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