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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

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