

/* 1.c)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 the average speed of all 5 racers. Take as input the speed of each racer and print back the speed of qualifying racers */

```
import java.io.*;
import java.util.*;
class BikeRacers
{
    public static void main(String[] args)
    {
        Scanner sc=new Scanner(System.in);
        int speed[]=new int[5];
        for(int i=0;i<5;i++)
        {
            System.out.print("\nEnter the speed of Racer-"+(i+1)+" : ");
            speed[i]=sc.nextInt();
        }
        int sum=0;
        for(int i=0;i<5;i++)
            sum+=speed[i];
        double avg=sum/5;
        System.out.print("\nAverage Speed of Bikeracers is: "+avg);
        System.out.print("\nThe speed of qualifying racers are: ");
        for(int i=0;i<5;i++)
        {
            if(speed[i]>=avg)
                System.out.print("\nRacer-"+(i+1)+" : "+speed[i]);
        }
    }
}
```