

**//To Print Qualified Bikeracers in a Race//**

```
import java.util.*;
class BikeRacerarray
{
    public static void main(String[] args)
    {
        Scanner RC=new Scanner(System.in);
        int Speed[]=new int[5];
        for(int i=0;i<5;i++)
        {
            System.out.println("\nEnter the Speed of racer
"+(i+1)+" : ");
            Speed[i]=RC.nextInt();
        }
        int sum=0;
        for(int i=0;i<5;i++)
            sum+=Speed[i];
        double avg=sum/5;
        System.out.println("\n Average Speed to Qualify the race
is : "+avg);
        System.out.println("\n The Speed of Qualifying Racers
are : ");
        for(int i=0;i<5;i++)
        {
            if(Speed[i]>=avg)
            {
                System.out.println("\n Racer -"+(i+1)+" is
Qualified the Race with "+Speed[i]);
            }
        }
    }
}
```

**##Output**

Enter the Speed of racer 1 :  
250

Enter the Speed of racer 2 :  
240

Enter the Speed of racer 3 :  
360

Enter the Speed of racer 4 :  
200

Enter the Speed of racer 5 :  
180

Average Speed to Qualify the race is : 246.0

The Speed of Qualifying Racers are :

Racer -1 is Qualified the Race with 250

Racer -3 is Qualified the Race with 360  
Press any key to continue . . .