```java
    public static void main(String[] args) {
        Scanner k=new Scanner(System.in);
        System.out.println("Welcome to the below average temperature tester
program!");

        double [] temp = new double [10];
        double total = 0;


        for(int i =1; i<=10; i++) {
            System.out.println("Please enter the temperature for day " +i);
            int day= k.nextInt();
            temp[i-1] = day;
            total = day + total;
        }
        //double average = total/10;
        double average = total/temp.length;
        System.out.println("The average temperature was" + average);

        for(int i=1; i<=10; i++) {
            if (temp [i-1] < average) {

                System.out.println("Day" + i + ": " + temp [i-1]);


            }
        }



    }


}
```