Day 71 coding Statement : There are *N* students in a class, where the *i*-th student has a score of *Ai*?.

The *i*-th student will *boast* if and only if the number of students scoring less than or equal *Ai*? is greater than the number of students scoring greater than *Ai*?.

Find the number of students who will boast.

Input Format

- The first line contains *T* - the number of test cases. Then the test cases follow.
- The first line of each test case contains a single integer *N* - the number of students.
- The second line of each test case contains *N* integers 1,2,…,*A*1?,*A*2?,…,*AN*? - the scores of the students.

Output Format

For each test case, output in a single line the number of students who will boast.

Constraints

- 1≤10001≤*T*≤1000
- 1≤1001≤*N*≤100
- 0≤1000≤*Ai*?≤100

Sample Input : 3

3

100 100 100

3

2 1 3

4

30 1 30 30

Sample Output

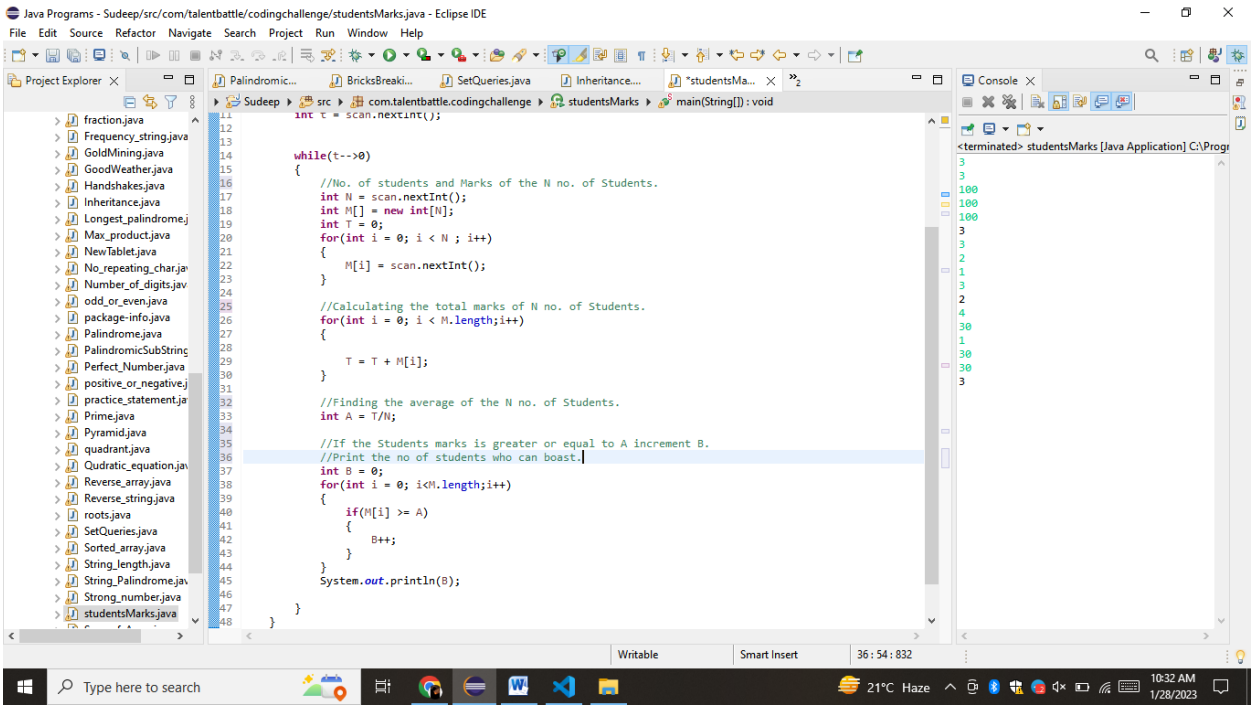
3

2

3

Program :

```
package com.talentbattle.codingchallenge;

import java.util.Scanner;

public class studentsMarks {

	public static void main(String[] args) {
		// TODO Auto-generated method stub
		Scanner scan = new Scanner(System.in);
		//No. of testcases.
		int t = scan.nextInt();


		while(t-->0)
		{
			//No. of students and Marks of the N no. of Students.
			int N = scan.nextInt();
			int M[] = new int[N];
			int T = 0;
			for(int i = 0; i < N ; i++)
			{
				M[i] = scan.nextInt();
			}

			//Calculating the total marks of N no. of Students.
			for(int i = 0; i < M.length;i++)
			{

				T = T + M[i];
			}

			//Finding the average of the N no. of Students.
			int A = T/N;

			//If the Students marks is greater or equal to A increment B.
			//Print the no of students who can boast.
			int B = 0;
			for(int i = 0; i<M.length;i++)
			{
				if(M[i] >= A)
				{
					B++;
				}
			}
			System.out.println(B);

		}
	}

}
```


Java Programs - Sudeep/src/com/talentbattle/codingchallenge/studentsMarks.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer
Palindromic...
BricksBreaki...
SetQueries.java
Inheritance....
*studentsMa...
Sudeep src com.talentbattle.codingchallenge studentsMarks main(String[]) : void
fraction.java
Frequency_string.java
GoldMining.java
GoodWeather.java
Handshakes.java
Inheritance.java
Longest_palindrome.j
Max_product.java
NewTablet.java
No_repeating_char.ja
Number_of_digits.jav
odd_or_even.java
package-info.java
Palindrome.java
PalindromicSubString
Perfect_Number.java
positive_or_negative.j
practice_statement.ja
Prime.java
Pyramid.java
quadrant.java
Qudratic_equation.ja
Reverse_array.java
Reverse_string.java
roots.java
SetQueries.java
Sorted_array.java
String_length.java
String_Palindrome.ja
Strong_number.java
studentsMarks.java
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while(t-->0)
{
//No. of students and Marks of the N no. of Students.
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int T = 0;
for(int i = 0; i < N ; i++)
{
M[i] = scan.nextInt();
}
//Calculating the total marks of N no. of Students.
for(int i = 0; i < M.length;i++)
{
T = T + M[i];
}
//Finding the average of the N no. of Students.
int A = T/N;
//If the Students marks is greater or equal to A increment B.
//Print the no of students who can boast.
int B = 0;
for(int i = 0; i<M.length;i++)
{
if(M[i] >= A)
{
B++;
}
}
System.out.println(B);
}
}
Console
<terminated> studentsMarks [Java Application] C:\Progr
3
3
100
100
100
3
3
2
1
3
2
4
30
1
30
30
3
Writable
Smart Insert
36 : 54 : 832
Type here to search
21°C Haze
10:32 AM
1/28/2023