Problem 4 ( Remove Smallest )

#include <iostream>

using namespace std;

int main()

{

int t;

cin >> t;

while (t--)

{

int n;

cin >> n;

int arr[n];

for (int i = 0; i < n; i++)

{

cin >> arr[i];

}

bool flag = true;

for (int i = 1; i < n; i++)

{

int diff = arr[i] - arr[i - 1];

if (diff < 0)

{

diff = -diff;

}

if (diff > 1)

{

flag = false;

break;

}

}

if (flag)

{

cout << "YES" << endl;

}

else

{

cout << "NO" << endl;

}

}

return 0;

}

✔ output

