**PROGRAMS :** Find the median of an array

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# include<iostream>

using namespace std;

int main()

{

int n,a[10],i;

cout<<"Enter size of array \n";

cin>>n;

cout<<"Enter elements of array\n";

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

{

cin>>a[i];

}

float median;

if (n % 2)

{

median = a[n / 2];

}

else

{

median = (a[(n / 2) - 1] + a[(n / 2)]) / 2.;

}

cout << "median: " << median;

return 0;

}

Input:

4

1 2 3 4

Output:

