**Practical: 25 Define a function template for finding the minimum value contained in an array. Write main( ) function to find the minimum value of integer array and minimum value of floating point numbers in an array.**

#include<iostream>

using namespace std;

template<class T>

T minimum(T a[],int size)

{

T min=a[0];

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

{

if(a[i]<min)

min=a[i];

}

return min;

}

int main()

{

int a[10],size,i,min1;

float b[10],min2;

cout<<"enter the size value:\n";

cin>>size;

cout<<"enter the integer aray elements\n";

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

cin>>a[i];

cout<<"enter the floating array elements\n";

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

cin>>b[i];

min1=minimum(a,size);

min2=minimum(b,size);

cout<<"The minimum integer elements is:\n";

cout<<min1;

cout<<"\nThe minimum floating elements is :\n";

cout<<min2;

return 0;

}

**Output 25**

