Assignement No.: 9

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Batch : A-1
Roll No. : 04
Aim : Write a function template for finding the minimum value contained in an array

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Input Code :

```
#include<iostream>

using namespace std;

template<class B>

B minimum(B a[],int size)

{

B 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 array 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 element is:\n";
cout<<min1;
cout<<"\nThe minimum floating element is :\n";
cout<<min2;
return 0;
}
```

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Output :

Enter the size value:

2

Enter the integer array elements

2 3

Enter the floating array elements

3.2 5.4

The minimum integer element is:

2

The minimum floating element is :

3.2