QUESTION # 1

```cpp
#include <iostream>

using namespace std;

int main ()

{

        int a[10],in,ix;

        int min=INT_MAX;

        int max=INT_MIN;

        for (int b=0;b<10;b++)

        {

                cout <<"Enter "<<b+1<<"
value : ";cin>>a[b];cout<<endl;

                if (min>a[b])

                {

                        min=a[b];

                        in = b;

                }

                if (max<a[b])

                {

                        max=a[b];

                        ix=b;

                }

        }
```
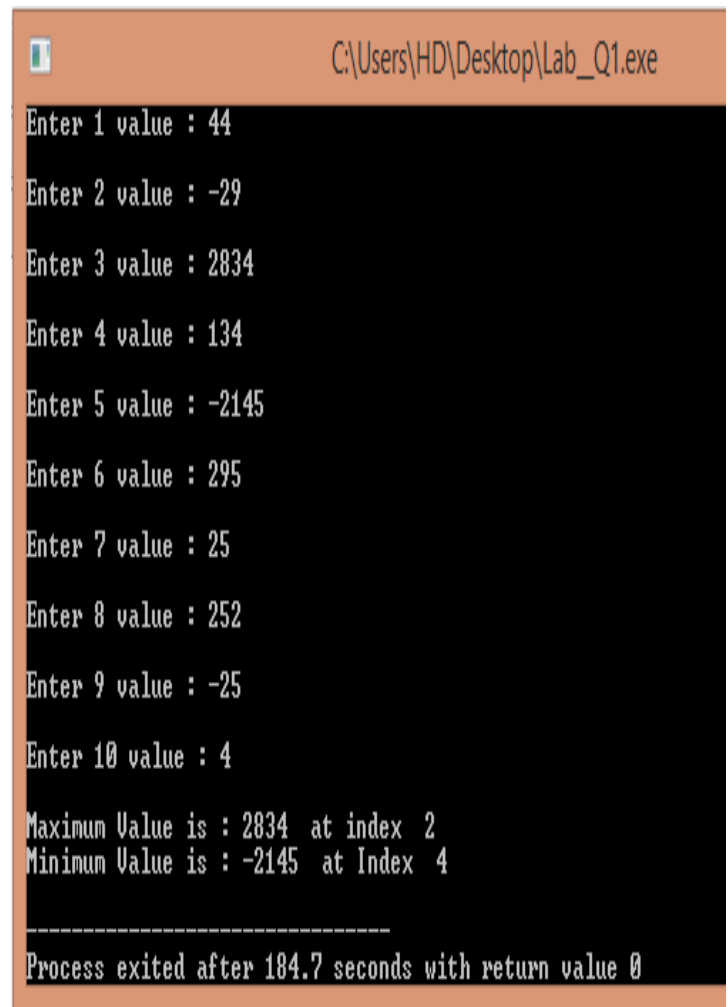
```cpp
        cout << "Maximum Value is :
"<<max<<"  at index  "<<ix<<endl;

        cout << "Minimum Value is :
"<<min<<"  at Index  "<<in<<endl;

        return 0;

}
```

QUESTION # 2

```cpp
#include <iostream>

using namespace std;

int main ()

{

        float a[10],c=0;

        for (int b=0;b<10;b++)

        {

                cout << "Enter "<<b+1<<" Value : ";cin>>a[b];cout << endl;

                c+=a[b];

        }

        cout << "Sum : "<<c<<endl;

        cout << "AVERAGE  : "<<c/10<<endl;

        return 0;

}
```
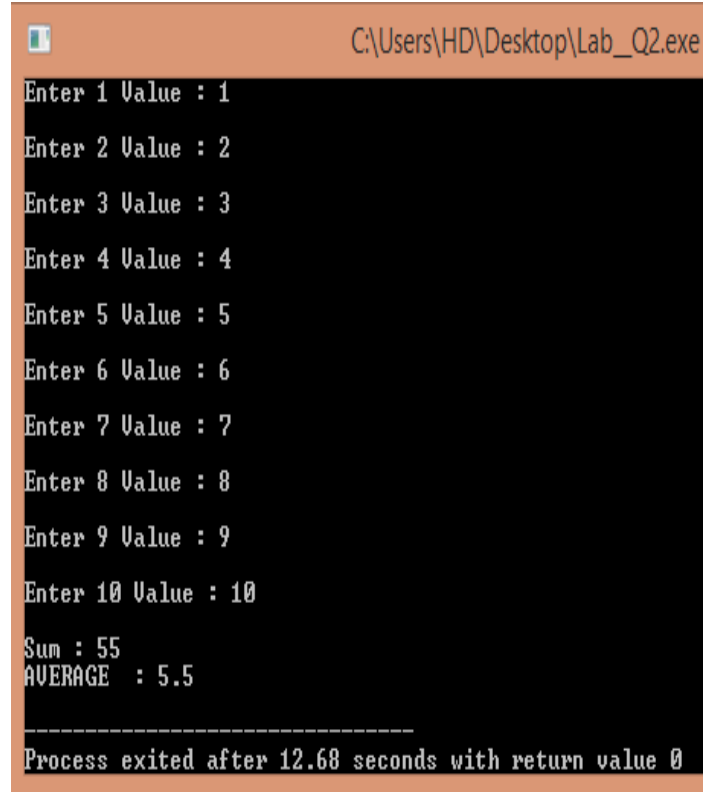
```
C:\Users\HD\Desktop\Lab_Q2.exe
Enter 1 Value : 1
Enter 2 Value : 2
Enter 3 Value : 3
Enter 4 Value : 4
Enter 5 Value : 5
Enter 6 Value : 6
Enter 7 Value : 7
Enter 8 Value : 8
Enter 9 Value : 9
Enter 10 Value : 10

Sum : 55
AVERAGE  : 5.5

--------------------------------
Process exited after 12.68 seconds with return value 0
```

QUESTION # 3

```cpp
#include <iostream>

using namespace std;

int main ()

{

        int A[5],b,c;

        for (int a=0;a<5;a++)

        {

                cout << "Enter "<<a+1 <<
" Value : ";cin>>A[a];

        }

        cout <<endl;

        cout << "Enter a Value : ";cin>>b;

        cout <<endl;

        for (int a=0;a<5;a++)

        {

                if (b==A[a])

                {

                        cout << "Value is at
: "<< a <<endl;

                        c++;

                }

        }

        if (c==0)

        {
```
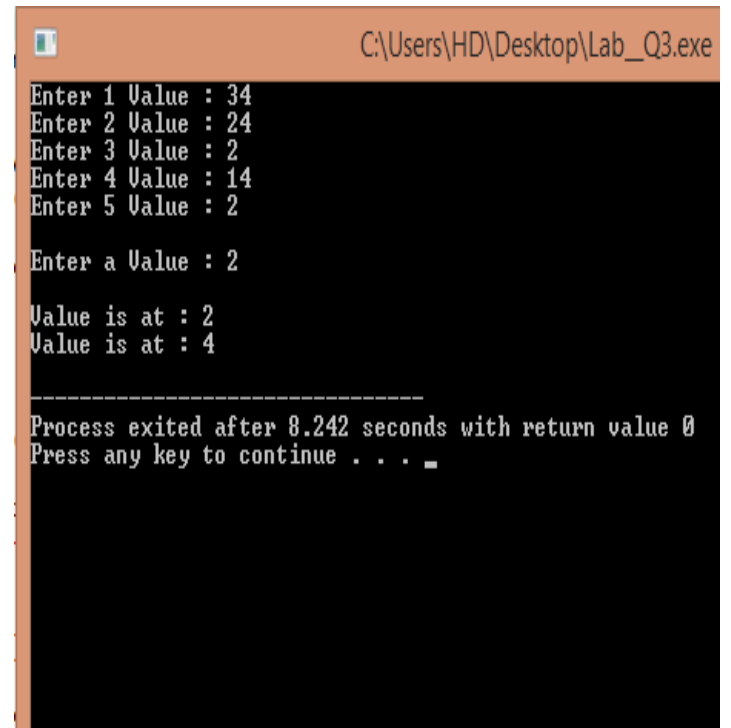
```cpp
                cout << "Value is not
available ! "<<endl;

        }

        return 0;

}
```
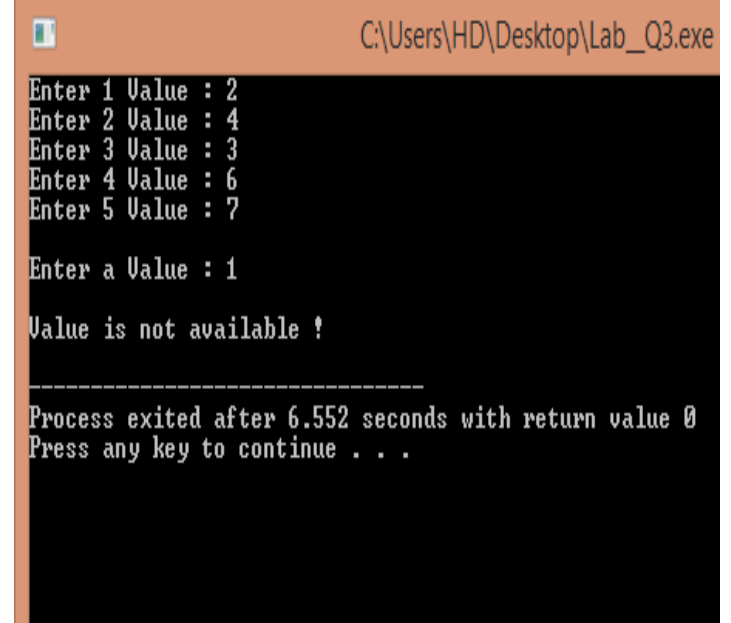
```
C:\Users\HD\Desktop\Lab_Q3.exe
Enter 1 Value : 34
Enter 2 Value : 24
Enter 3 Value : 2
Enter 4 Value : 14
Enter 5 Value : 2

Enter a Value : 2

Value is at : 2
Value is at : 4

------------------------------------
Process exited after 8.242 seconds with return value 0
Press any key to continue . . . _
```

```
C:\Users\HD\Desktop\Lab_Q3.exe
Enter 1 Value : 2
Enter 2 Value : 4
Enter 3 Value : 3
Enter 4 Value : 6
Enter 5 Value : 7

Enter a Value : 1

Value is not available !

------------------------------------
Process exited after 6.552 seconds with return value 0
Press any key to continue . . .
```