20F-0336  
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Section D

Lab Task

**Q1:**

#include <iostream>

using namespace std;

int main()

{

int array[5];

int largest = -999999;

int smallest = 99999;

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

{

cout << "Enter array elements" << endl;

cin >> array[i];

}

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

{

if ( array[i] > largest)

{

largest = array[i];

}

}

cout << "Largest number is : " << largest << endl;

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

{

if (array[i] < smallest)

{

smallest = array[i];

}

}

cout << "smallest number is : " << smallest << endl;

}

**Q2:**

#include <iostream>

using namespace std;

void minMax(int a[], int\*min, int\*max)

{

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

{

cout << "Enter array elements" << endl;

cin >> a[i];

}

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

{

if (a[i] > \*max)

{

\*max = a[i];

}

}

cout << "Largest number is : " << max << endl;

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

{

if (a[i] < \*min)

{

\*min = a[i];

}

}

cout << "smallest number is : " << min << endl;

}

int main()

{

int array[5];

int min = 99999;

int max = - 99999;

minMax(array, &min, &max);

}

**Q3**

#include <iostream>

using namespace std;

void commonFind(int a1[], int a2[])

{

int i = 0;

int j = 0;

while (i < 5 && j < 5)

{

if (a1[i] == a2[j])

{

cout << a1[i] << " ";

i++; j++;

}

else if (a1[i] < a2[j])

i++;

else j++;

}

}

int main()

{

int ar1[] = { 1, 5, 88, 100, 40};

int ar2[] = { 6, 7, 88, 80, 100 };

cout << "Common elements are " << endl;

commonFind(ar1, ar2);

}