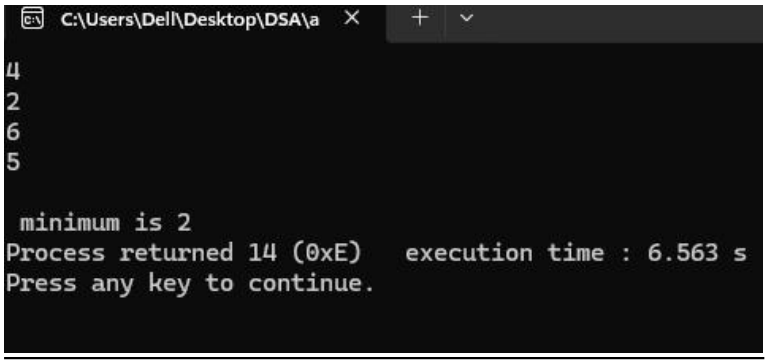
Experiment No: 02
Experiment Name: Finding Minimum and Maximum number from array.

Here we can find minimum and maximum number from array,
For Minimum:
Source Code:

```
#include<stdio.h>
Int  main() {
int A[4], i, x;
for(i=0 ;i<4; ++i)
scanf("%d", &A[i]);
x=A[0];
for(i=1; i<4; ++I) {
if(A[i] < x)
x=A[i];
}
Printf("\nMinimum is %d" , x);
return 0;
}
```

Output:

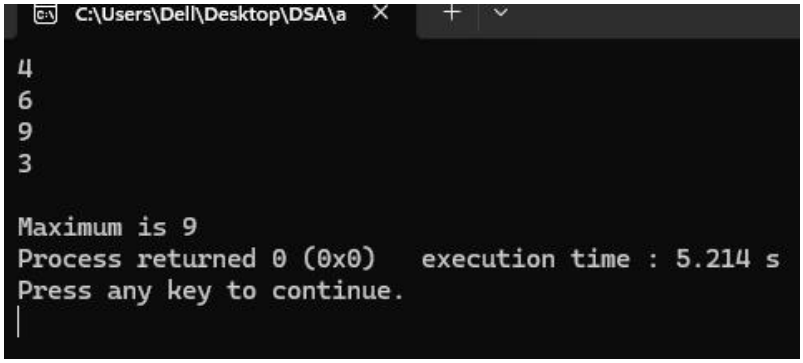


For Maximum:
Source Code:

```
#include <stdio.h>
int main() {
int A[4], i, x;
for (i = 0; i < 4; ++i) {
scanf("%d", &A[i]);
}
x = A[0];
for (i = 1; i < 4; ++i) {
if (A[i] > x) {
x = A[i];
}
}
printf("\nMaximum is %d", x);
```

```
return 0;
}
```

Output:



Discussion: In today's lab we found minimum and maximum number from array.Finding the minimum and maximum numbers in a 1D array is a fundamental problem in programming, often used in beginner-level exercises to practice loops and conditional statements. This task involves traversing the array and comparing its elements to determine the smallest and largest values.