

LAB MANUAL-7

MUHAMMAD SIBGHAT RASOOL

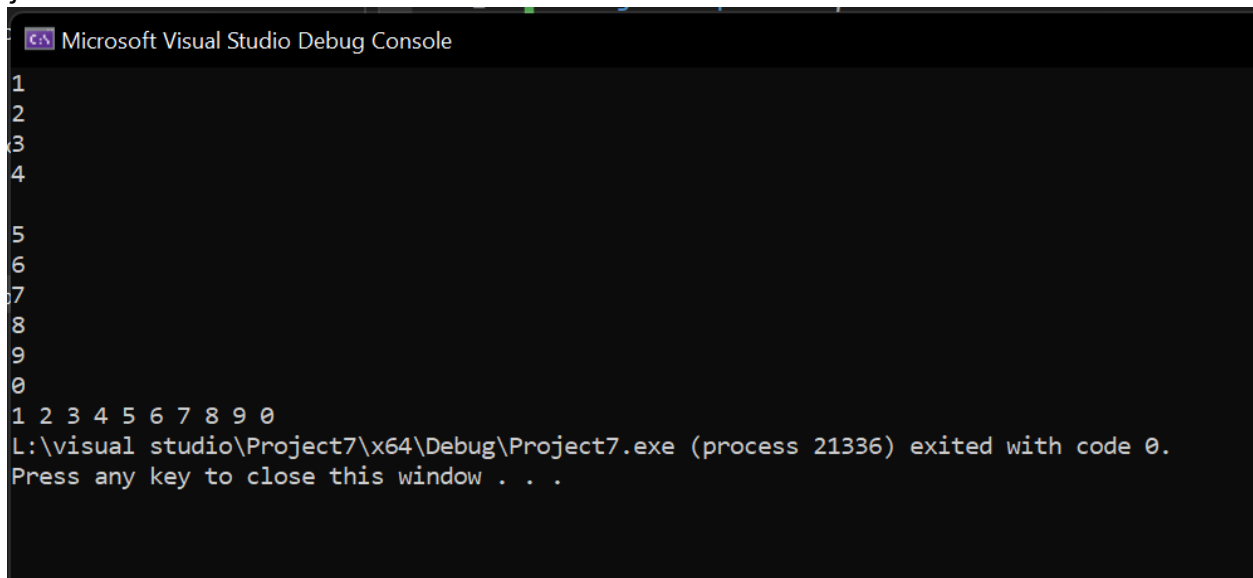
457035

ME-15-B

Lab task 1:

```
#include<iostream>
using namespace std;
int main() {
    int arr[10];
    for (int i = 0; i < 10; i++) {
        cin >> arr[i];
    }
    for (int i = 0; i < 10; i++) {
    }
    cout << arr[10] << " ";

    return 0;
}
```



```
Microsoft Visual Studio Debug Console
1
2
3
4
5
6
7
8
9
0
1 2 3 4 5 6 7 8 9 0
L:\visual studio\Project7\x64\Debug\Project7.exe (process 21336) exited with code 0.
Press any key to close this window . . .
```

LAB TASK 2:

```
#include <iostream>

using namespace std;

int main()

{
```

```

int arr[5] = { 23,34,45,56,67 };

int sum = 0;

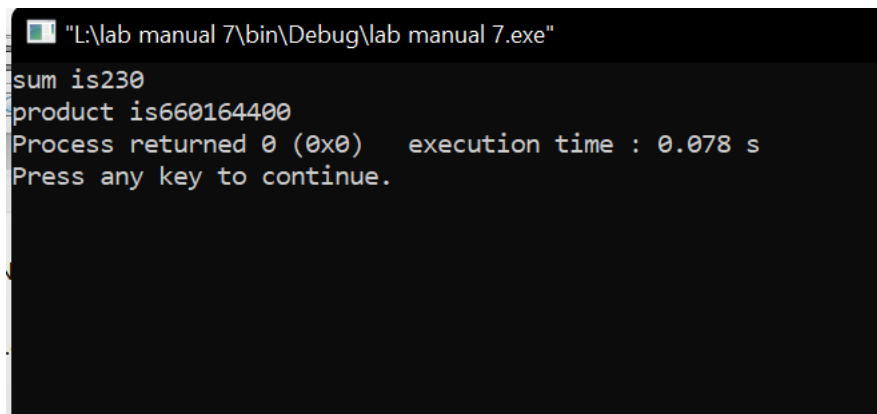
int prod=1;

for (int i = 0; i <= 5; i++) {
    sum += arr[i];
    prod*=arr[i];
}

cout << "sum is"<<sum<<endl<<"product is"<<prod;

return 0;
}

```



```

"L:\lab manual 7\bin\Debug\lab manual 7.exe"
sum is230
product is660164400
Process returned 0 (0x0) execution time : 0.078 s
Press any key to continue.

```

LAB TASK 3:

```

#include <iostream>

using namespace std;

int main()
{
    int x, i, j, space = 1;
    cout << "Enter the size: ";
    cin >> x;
    space = x - 1;
    for (j = 1; j <= x; j++)
    {

```

```

    for (i = 1; i <= space; i++)
        cout << " ";

    space--;

    for (i = 1; i <= 2 * j - 1; i++)
        cout << "*";

    cout << endl;
}

space = 1;

for (j = 1; j <= x - 1; j++)
{
    for (i = 1; i <= space; i++)
        cout << " ";

    space++;

    for (i = 1; i <= 2 * (x - j) - 1; i++)
        cout << "*";

    cout << endl;
}

return 0;
}

```

```

L:\lab manual 7\bin\Debug\lab manual 7.exe
Enter the size: 5
*
***
*****
*****
*****
*****
*
*
Process returned 0 (0x0)   execution time : 1.258 s
Press any key to continue.

```