


# National University of Computer and Emerging Sciences, Lahore Campus

	Course Name:	Programming Fundamentals	Course Code:	CS1002
	Program:	Electrical Engineering	Semester:	Fall 2023
	Duration:	15 minutes	Total Marks:	10
	Exam Date:	30 November 2023	Weight:	3.33
	Section:	EE-1C -2	Page(s):	2
	Exam Type:	Quiz-3 Solution	CLO #	4

Student Name: \_\_\_\_\_ Roll No. \_\_\_\_\_ Section: \_\_\_\_\_

Instruction/Notes: 1. Do not forget to write your Name and Roll Numbers.  
2. Solve on the paper and Return.

## Question No. 1

Marks: 10

What is the output of the following program? (2)

```
#include <iostream>
using namespace std;

int main()
{
    int list[5];
    list[4] = 10;

    for (int i = 3; i >= 0; i--)
    {
        list[i] = 3 * list[i + 1];
        list[i + 1] = i * list[i];
    }

    cout << "list: ";
    for (int i = 0; i < 5; i++)
        cout << list[i] << " ";
    cout << endl;

    return 0;
}
```

## Solution

810 0 270 180 90