



### Instructions:

- 1- Create a folder with your full name on the desktop.
- 2- Create 12 Text Documents in the folder and name them as Q1, Q2 ... Q12.
- 3- Save your code inside the Text Documents.

Q1. Write a C++ program for the following output.

```
Roses are red,  
Violets are blue,  
Coding in C++  
Is fun to do!
```

Q2. Write a C++ program for the following output:

```
Welcome to "C++ Programming"!  
The path is C : \Program Files\  
This is tab-separated.
```

Q3. Write a program in C++ to print the following:

```
My name is YOUR NAME  
I am a first grade student  
I am studying Cybersecurity in TIU
```

Q4. Write a C++ code to printout the sum of 15 and 16, the output should be like that (**the result 31 should be like 15+16**):

```
The sum of 15 and 16 is equal to 31
```

Q5. Write a C++ code that will output the following (**hint: use tab**).

```
1 *  
2 **  
3 ***  
4 ****  
5 *****
```



Q6. Write a C++ code that will output the following.



Q7. Write a program that prints the following table (**hint: use tab**).

Name	Age	Grade
Azheen	20	87
Saman	21	73
Kany	19	91

Q8. Write a C++ program that prints the following house:



Q9. Write a C++ program that prints the following.

----- Grocery Store -----		
Item	Quantity	Price
Apples	5	\$2.50
Bananas	3	\$1.80
Milk	1	\$1.20
-----		
Total		\$5.50



Q10. Write a C++ program that prints the following.

**Note:** The numbers must be calculated by the program (NOT manually).

```
1 x 1 = 1
2 x 2 = 4
3 x 3 = 9
4 x 4 = 16
5 x 5 = 25
6 x 6 = 36
7 x 7 = 49
8 x 8 = 64
9 x 9 = 81
10 x 10 = 100
```

Q11. Write a C++ program that prints the following O'clock:

```
    12
   11  1
  10   2
   9   3
   8   4
    6
```

Q12: Write a program in C++ to make a large TIU as shown below.

```
TTTTTTTTT III  UU  UU
  TTT  III  UU  UU
  TTT  III  UU  UU
  TTT  III  UU  UU
  TTT  III  UUUUUU
```