United International University



Department of Computer Science and Engineering

CSI 122 Structured Programming Language Laboratory

Section A

Spring 2020

Lab 4(Class)

1. Write a program to print the following patterns:

|  |  |  |
| --- | --- | --- |
| \*\*\*\*\*  \*\*\*\*  \*\*\*  \*\*  \* | 1  1 2  1 2 3  1 2 3 4 | 5  5 4  5 4 3  5 4 3 2  5 4 3 2 1 |

1. Write a program that will print a pattern based on the input integer n. Please see the sample input output.

|  |  |
| --- | --- |
| **Sample input** | **Sample output** |
| 5 | 10101  01010  10101  01010  10101 |
| 3 | 101  010  101 |

United International University



Department of Computer Science and Engineering

CSI 122 Structured Programming Language Laboratory

Section A

Spring 2020

Lab 4(Home)

1. Write a program to print the following patterns:

|  |  |  |
| --- | --- | --- |
| 0 1 0 1 0  0 1 0 1  0 1 0  0 1  0 | 5  4 4  3 3 3  2 2 2 2  1 1 1 1 1 | 1  1 3  1 3 5  1 3 5 7 |

1. Write a program that will print a pattern based on the input odd integer n. Please see the sample input output.

|  |  |
| --- | --- |
| **Sample input** | **Sample output** |
| 5 | H H  H H  H H H H H  H H  H H |
| 7 | H H  H H  H H  H H H H H H H  H H  H H  H H |