**Computer Organization and Assembly Language**

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| **Lab 10** | |
| **Topic** | 1. Video memory |

**PART 2**

## Task 1:

Write an assembly language program to display triangle of \* on the screen as follows. Use loops to calculate the next screen location to display the next character.

i.e

if user give 5

\*  
\*\*  
\*\*\*  
\*\*\*\*  
\*\*\*\*\*

If user give 3

\*  
\*\*  
\*\*\*

## Task 2:

Write an assembly language program to display Right triangle of \* on the screen as follows. Use loops to calculate the next screen location to display the next character.

i.e

if user give 5 if user give 3

\*  
\*\*  
\*\*\*  
\*\*\*\*  
\*\*\*\*\*

\*  
\*\*  
\*\*\*  
\*\*\*\*  
\*\*\*\*\*

If user give 3

\*  
\*\*