**Lab assignment 4**

**( title:: functions II)**

**Date of report submission:: { submit the codes and the screenshot of the output 24 hrs prior to the report submission)**

**Group::B ( 14th march) Group ::A (15th march)**

1. Consider the following fibonancii series::

1, 1, 2, 3, 5, 8, 13, 21, ……. terms .

Write a program which uses recursive function to display the nth term as entered by the user.

1. Write a function that takes three distance objects as an argument from the user and returns the largest object back to the main function.
2. Write a program that demonstrates returning by reference.
3. Write a program with functions character\_repeat. Overload the function with the following functionalities.

No argument ----------------------------------------🡪 displays ‘\*’ 5 times

1 character argument ----------------------------🡪 displays the user entered character 7 times

1 character argument and 1 integer argument -----------🡪displays the user entered character times determined by the integer.