University Of Gujrat, Hafiz Hayat Campus



**Laboratory Exercise**

*For*

**Programming Fundamentals Lab**

**(IT-103)**

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| Course Instructor |  |
| Lab Instructor |  |
| Semester | Fall 2016 |

**PF Lab 7 Exercise**

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| **Objectives:**  Repetition Control Structure (For Loop)   * What is a loop? * Elements or components of a loop. * Flow chart of for loop to understand it’s working. |

# Problem 7.1: Write C++ code for the problem statements.

Print the Fibonacci Series up to 100.

1 1 2 3 5 …………. 89

**Note:** Also, draw flow chart of the above program. `

# Problem 7.2: Write C++ code for the problem statements.

Write a program to display sum of Series, read n from Keyboard

1+1/2+1/3+………………+1/n

**Note:** Also, draw flow chart of the above program.

# Problem 7.3: Write C++ code for the problem statements.

Write a program to display series and sum of series, read n from Keyboard

1+3+5+…………+n

**Note:** Also, draw flow chart of the above program.

# Problem 7.4: Write C++ code for the problem statements.

Write programs to print following sequences of \*

1) 2)

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