

**Introduction to**

**Programming Language (ITP101)**

**Assignment 1**

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**Mandatory Non-plagiarism Declaration Form**

(You must include this page with the report, filled and completed)

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(Section 2.2 of the Student Handbook, 2017)

• I understand that plagiarism is an academic dishonesty and an offense that will be penalized, including failing in the course and even suspension from the college.

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• I acknowledge that I have used the following resources/references for this assignment. Explicitly write ALL references (if any) in proper format.

**Deliverable 1: Algorithm/ Flowchart**

1. Write algorithm of the following questions.
2. Find the maximum of 4 user-supplied numbers.

Answer:

Input: Enter any four numbers.

Output: The maximum of four numbers.

Step 1: Input four numbers.

Step 2: Consider the numbers.

Step 3: Compare the number 1 with number 2 and number 3 and number 4.

Step 4: Compare the number 2 with number 1 and number 3 and number 4.

Step 5: Compare the number 3 with number 1 and number 2 and number 4.

Step 6: Compare the number 4 with number 1 and number 2 and number 3.

Step 7: Find the maximum of the four numbers.

Step 8: Display the maximum of four numbers.

1. Display the sum of the numbers between 1 and N that are divisible by 3(Where N is user-supplied number.)

Answer:

Input: 1.

Input: Enter any number.

Output: Display the sum values that are divisible by 3.

Step 1: Enter any number.

Step 2: Add the numbers that are given by user that is between 1 to N.

Step 3: Divide the sum by 3.

Step 4: Display the sum values that are divisible by 3.

1. Reverse of the supplied number.

Answer:

Input: Take any number from the user.

Output: Diplay reverse of the user.

Step 1: Allow user to enter number.

Step 2: Swtich the first number with second last of number the number.

Step 3: Swtich the second number with second last of the number.

Step 3: Switch the third number with last number.

Step 4: Continue this 3 steps until the number get switch over.

Step 5: Display the reverse number .