

# MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY



## Assignment#1 Year of Study: 2024-25

Name of Subject: Programming in 'C'

Subject Code: ES-101 / ES-102

Semester: 1

Class : N Section 1<sup>st</sup> Year

Assignment No	Date Given	Date of Submission	Mode of Submission	Total Marks	CO Mapped
1	20/09/2024	26/09/2024	Hard Copy	10	CO1

### Questions:

1. How algorithm is different from flowchart? Marks:2
2. What are the different steps followed in the program development? Marks:2
3. Explain the following & illustrate it with an example each.
  - i. Increment & Decrement operator.
  - ii. Conditional operator.
  - iii. Bitwise operator.
  - iv. Assignment operator. Marks:2
4. Explain the concept of Type Conversion and Type Casting. Marks:2
5. Write the following C program
  - i. Convert Fahrenheit to Celsius temperature. Marks:2

### Instructions:

1. Write your name and roll number and phone number on front page in clear writing.
2. For computer program, submit the code, sample inputs and outputs.
3. Failure to submit in time will incur penalty in marks.