

EXTERNAL LEARNING 4

Date of submission: ----

Learning outcomes:

- Develop a solution through a modular/structured programming approach.
- Compare and contrast between the various derived data types.
- Use C pointers and dynamically allocated memory to solve complex problems.
- Write, debug and execute C programs for simple applications using a text editor.

Instructions:

- Study the following topics.
- Questions from the same will be a part of Tutorial 5 which will be only based on Structures.
- Tutorial 5 will be conducted on 18.11.2019.
- Marks of the same will be considered for continuous assessment.

Topics:

1. Dynamic memory allocation for a single structure variable/array of structures.
2. typedef keyword
3. Bitfields
4. Self-referential structures
5. Passing and returning structures to functions