# DEPARTMENT OF INFORMATION TECHNOLOGY::VRSEC REPORT ON ACTIVE LEARNING METHOD

**17IT3308 – OBJECT ORIENTED PROGRAMMING**

**A.Y. 2020-21**

**CROSSWORD PUZZLE**

**Name of the Topics:**

# Target Audience: Students of II/IV B.Tech I Semester Date of activity conducted: 10-02-2021(Section A& B) No. of students participated : 110

**Name of the Faculty: Y.Kalyan Chakravarti, Assistant Professor**

# T.LakshmiSurekha,AssistanProfessor

# Objective of the activity:

* Understand the concepts of Object Oriented Programming.
* To prepare the students for short answer questions.
* To make the students attain good marks in external exam.
* To make the students think logically

# Introduction:

A crossword is a type of word puzzle which is usually a square or rectangular grid with white and black squares. The goal is to fill the white squares with letters, forming words or phrases, by solving clues, which lead to the answers. In languages that are written left-to-right, the answer words and phrases are placed in the grid from left to right ("across") and from top to bottom ("down").

**Crossword Rules**

* The pattern of black-and-white squares must be symmetrical. ...
* Do not use too many black squares.
* Do not use unkeyed letters (letters that appear in only one word across or down).
* Do not use two-letter words.
* The grid must have all-over interlock.
* Long theme entries must be symmetrically placed.

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# Execution Plan:

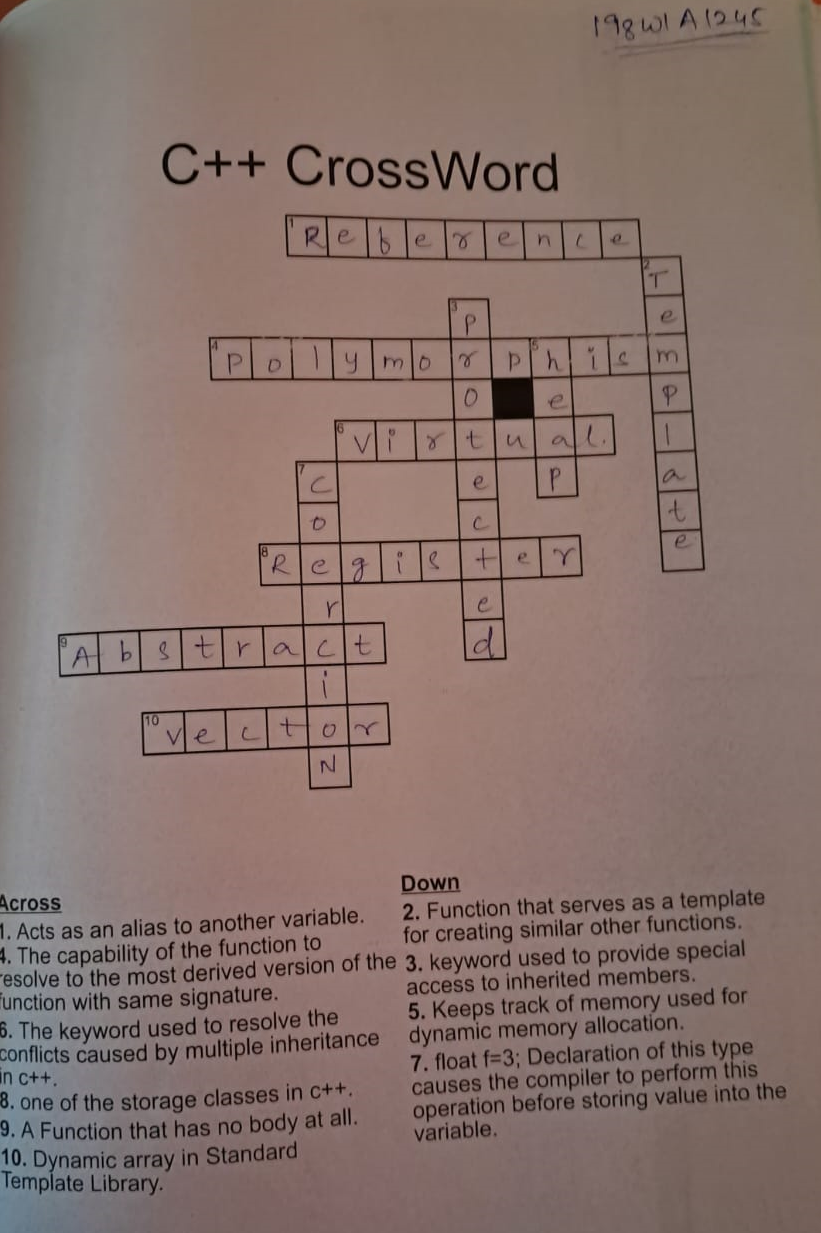
* + List of questions are prepared for implementing crossword puzzle.
  + Print copy is prepared with square or rectangular grid with white and black squares.
  + Dissemination of hard copies to students - 5 mts.
  + Puzzle Problem solving : 10 mts
  + Collecting the filled copies and Course coordinator summary : 5 mts

# Expected Outcomes:

The students can be able to

* + Understand the concepts and terminology of Object Oriented Programming
  + Apply the concepts and definitions learned during semester end examination.
  + Improvement in academic performance.

**A Snapshot of cross word puzzle implemented by a student is show below**

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