

**GOVERNMENT ENGINEERING COLLEGE, BHUJ**  
**Electrical Engg. Department**  
**Subject: Programming For Problem Solving (BE01000121)**  
**B.E. Semester:1**  
**A.Y.:Odd -2025**  
**Assignment-2**

**Date of Issue : 18/11/2025**

**Date of Submission: 02/12/2025**

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1	What is pointer ? Give its benefits. How to initialize Pointer? How is it different from Array?	CO3
2	Explain array of pointers with suitable example.	
3	What is structure? How to access the elements of structure? How to calculate size of structure? Explain with example.	
4	Differentiate between structure and union.	
5	What is dynamic memory allocation? Explain important functions associated with it.	
6	Describe file management. And List the various file management functions. Explain fopen () and its mode with example to write a string into file.	
7	Explain debugging techniques.	CO5

**Instruction:**

- 1) Write assignment in Good Quality pages.
- 2) Write your Enrollment No. and Name at the front page of your assignment.
- 3) Submit Written assignment on above mentioned date.