



**Q. 4. Answer the following in detail. (Solve any 6) (30)**

1. What is algorithm? Draw flowchart to find area of rectangle.
2. Write a C program to compute the simple interest and display the result
3. Explain relational and logical operator in C.
4. Explain formal argument and actual argument in function with example.
5. What is structure? Give difference between array and structure.
6. Describe different file modes in C
7. Write a program to print factorial using recursive function.

**Q. 5. Answer the following in detail. (Solve any 1) (10)**

1. Explain the looping statement in c with example
  2. What is array? How to initialized 2D array? Explain with example.
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