

Question Bank : Programming With C

- What is Language? Explain different level of Languages.
- What is Language Translator?
- Explain Compiler.
- Explain Interpreter.
- Write down the difference between Compiler and Interpreter.
- What is algorithm? Explain with suitable example.
- What is flow chart? Explain its entire example.
- Explain DRY RUN table with suitable example.
- Write short note on history of programming in C.
- Write down the feature of C language.
- Explain Basic structure of C programming language.
- What is variable?
- Write down the variable naming convention.
- What is keyword?
- List out the Various Data Types in C with its size occupied and range.
- List out the name of Operators.
- Explain all operators with an example in detail.
- Explain Input/Output function with an example.
- What is decision making? Explain different if...else statement with suitable example.
- Explain Switch Case statement.
- Explain goto...lable with forward jump and backward jump with suitable example.
- What is looping? Explain with Entry & Exit Control looping.
- Explain For/While/Do..While loop with suitable example.
- What is UDF? Explain types with suitable example.
- Explain Storage classes and Scope of variable.
- Explain call by value and call by reference with suitable example.
- What is an array? Explain different dimensional array with suitable example.
- Explain Structure with declaration and accessing elements of Structure with suitable example.
- Explain C preprocessors with suitable example.
- Explain following short notes
- Difference between Structure and Union.
- Typedef and Symbolic constants.
- Explain following library functions with syntax & example.
- <stdio.h> - printf(), scanf(), fflush(), gets(), puts(), flushall().
- <conio.h> - getch(), getche(), getchar(), clrscr(), gotoxy(), textcolor(), textbackground(),cprintf()
- <math.h> - abs(), exp(), sqrt(), log(), ceil(), floor(), pow(), fmod(), fabs(),
- <string.h> - strlen(), strcpy(), strcmp(), strcat(), strlwr(),strupr(), strrev()
- <ctype.h> - isalpha(), isdigit(), isalnum(), isspace(), isupper(), islower(), isprint(), toupper(), tolower()
- What is pointer?
- How is a pointer initialized?
- Distinguish between (*a)[5] and *a[5].
- Explain the difference between Call by Reference and Call by Value.