



# PROGRAMMING IN C

[ IN GUJARATI LANGUAGE ]

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## ABOUT THE BOOK

કોમ્પ્યુટર પ્રોગ્રામીંગમાં 'C' language ખૂબ અગત્યની છે. આ પુસ્તક દ્વારા વિદ્યાર્થીને વિષયનું તલસ્પર્શી અને ક્રમબદ્ધ જ્ઞાન મળી રહે તે પ્રમાણે સંપૂર્ણ પુસ્તકને 11 પ્રકરણો અને 5 પરિશિષ્ટ (Appendix) માં વહેંચવામાં આવેલ છે. દરેક પ્રકરણમાં આવતા મુદ્દાને સરળ ભાષામાં નાનામાં નાની વિગતને પણ ઉદાહરણથી સમજાવવામાં આવેલ છે.

“Learning by concept” સાથે બનાવેલ આ પુસ્તકની લાક્ષણિકતાઓ નીચે મુજબ છે:

- ૫૨૭ અને Examples (પ્રોગ્રામ સહિત) આપવામાં આવેલ છે
- ૭૮ ઉપયોગી ટેબલ્સ દ્વારા મુદ્દાની સરળ સમજૂતી
- ૩૭૬ સ્વાધ્યાય-પ્રશ્નો. દરેક પ્રકરણના અંતમાં વિદ્યાર્થી પોતાના જ્ઞાનની ચકાસણી કરી શકે તે આશયથી આપવામાં આવ્યા છે.

watch, output, trace into, step over, getch( ), clrscr( ), gotoxy( ), kbhit( ), delay( ), time structure, merits & demerits of string input library function વગેરે જેવા અગત્યના મુદ્દાની ચર્ચા સૌ પ્રથમવાર જ આ પુસ્તકમાં કરવામાં આવી છે. તદ્ઉપરાંત 'C' fundamentals, operators, input-output library functions, loops, string handling library functions, pointers, multifile programming, file handling functionsની ચર્ચા આ પુસ્તકમાં આગવી રીતે અને ઊંડાણપૂર્વક કરવામાં આવી છે.

ઓબ્જેક્ટ ઓરિએન્ટેડ પ્રોગ્રામીંગની પ્રાથમિક ચર્ચા પ્રકરણ-10માં કરેલ છે. તદ્ઉપરાંત પ્રકરણ-11માં 55 વિશિષ્ટ પ્રોગ્રામ્સ આપેલા છે જેના અભ્યાસથી પ્રોગ્રામર આગવી લાક્ષણિક કુશળતા પ્રાપ્ત કરી શકશે.

- Appendix A – Algorithm અને Flow-chart,
- Appendix B – Bit level Programme,
- Appendix C – ASCII Character Set,
- Appendix D – Operators precedence table અને
- Appendix E – Library Functionsને આ પુસ્તકમાં આગવી રીતે અને ઊંડાણપૂર્વક રજૂ કરવામાં આવેલ છે.

આ પુસ્તક પ્રોગ્રામીંગની શરૂઆત કરનાર તથા અનુભવી પ્રોગ્રામર બંને માટે ખૂબ જ ઉપયોગી નીવડે તે પ્રમાણે બનાવેલ છે. આ પુસ્તક એન્જિનિયરીંગ ડિગ્રી અને ડિપ્લોમા કોર્સ, કોમ્પ્યુટર સાયન્સ અને કોમ્પ્યુટર એપ્લિકેશનના ડિગ્રી તથા પોસ્ટ ગ્રેજ્યુએટ ડિપ્લોમા કોર્સ, B.C.A., M.C.A., P.G.D.C.A., I.T.I., વિજ્ઞાન, વાણિજ્ય અને મેનેજમેન્ટના વિદ્યાર્થીઓ ઉપરાંત પ્રાઇવેટ કોમ્પ્યુટર ઇન્સ્ટિટ્યૂટમાં શીખવા જતા વિદ્યાર્થીઓ માટે પણ ખૂબ જ ઉપયોગી છે.

## CONTENT

- 1 : 'C' FUNDAMENTALS
- 2 : OPERATORS AND INPUT-OUTPUT FUNCTIONS
- 3 : STATEMENT, BRANCHING AND LOOPING
- 4 : 'C' FUNCTIONS – USER DEFINED FUNCTION
- 5 : STORAGE CLASSES
- 6 : ARRAY
- 7 : POINTERS
- 8 : STRUCTURES AND UNIONS
- 9 : WORKING WITH FILES
- 10 : INTRODUCTION TO OBJECT ORIENTED PROGRAMMING
- 11 : SPECIAL PROGRAMS
- APPENDIX A : FLOWCHART AND ALGORITHM
- APPENDIX B : BIT OPERATORS
- APPENDIX C : ASCII CHARACTER SET TABLE
- APPENDIX D : OPERATORS PRECEDENCE TABLE
- APPENDIX E : STANDARD LIBRARY FUNCTIONS
- INDEX

Catalogue Checklist

**PROGRAMMING IN C**  
**DETAILED CONTENTS**

**Chapter 1 'C' FUNDAMENTALS**

- 1-1. Introduction
- 1-2. Features of 'C'
  - (1) General purpose language
  - (2) Structured programming language
  - (3) Middle level language
    - (i) Lower level language
    - (ii) Higher level language
  - (4) Portable language
  - (5) Free style language
  - (6) Case sensitive language
- 1-3. Advantages of 'C'
- 1-4. Structure of a 'C' program
  - (1) #include
  - (2) Comments
  - (3) main( )
  - (4) Braces
  - (5) printf
  - (6) Semicolon
- 1-5. getch( ) and clrscr( )
- 1-6. Watch, output and trace into
  - (1) Setting watches
  - (2) Trace into
  - (3) Output screen
- 1-7. Writing, compiling and running a 'C' program
- 1-8. Character set
  - (1) Letters
  - (2) digits
  - (3) Special characters
  - (4) White space
- 1-9. Keywords
- 1-10. Identifiers
  - Rules for identifiers
- 1-11. Data-types
  - (1) void
  - (2) Integral data-type
    - (i) Integer
    - (ii) Character
  - (3) Floating-point types
- 1-12. Constants
  - (1) Integer constants
    - (i) Octal integer constant
    - (ii) Hexadecimal integer constant
    - (iii) Unsigned and long integer constant
  - (2) Floating-point constant
    - (i) Fractional form
    - (ii) Exponential form
  - (3) Character constant
  - (4) String constant
- 1-13. Symbolic constants
- 1-14. Escape sequence
- 1-15. Variables and their declarations
  - Declaration of variable
- 1-16. Shortcut keys
  - (1) Cursor movement commands
  - (2) Block commands
  - (3) Other important commands

**Chapter 2 OPERATORS AND INPUT-OUTPUT FUNCTIONS**

- 2-1. Introduction
- 2-2. Arithmetic operators
  - Precedence of Arithmetic operators
- 2-3. Unary operators
  - (1) Unary Minus
  - (2) Increment operator and decrement operator
  - (3) Size of operator

Precedence of Unary operators

- 2-4. Relational operators
    - Precedence of Relational operator
  - 2-5. Equality operators
    - Precedence of equality operators
  - 2-6. Logical operators
    - (1) AND Operator
    - (2) OR Operator
    - (3) NOT Operator

Precedence of logical operators
  - 2-7. Assignment operators
    - (1) = : assign the value

Difference between Assignment Operator (=) and Equality Operator (==)

    - (2) +=, - =, \*=, /= and %= : add then assign, subtract then assign, multiply then assign, divide then assign and evaluate remainder then assign
  - 2-8. Conditional operator
  - 2-9. Precedence of operators
  - 2-10. Library functions
    - (1) Input/Output Operation
    - (2) For Operation on character
    - (3) For operation on string
    - (4) For Arithmetic operations
  - 2-11. Type conversion
    - Type conversion in assignments
  - 2-12. Input – output functions
  - 2-13. getchar function
  - 2-14. putchar function
  - 2-15. scanf function
  - 2-16. printf function
  - 2-17. getstring function
  - 2-18. putstring function
  - 2-19. field – width
    - Rules for field-width
  - 2-20. Typical programs
- Exercises 2

**Chapter 3 STATEMENT, BRANCHING AND LOOPING**

- 3-1. Introduction
    - (1) Condition checking
    - (2) Body of the loop
  - 3-2. if statement
    - (1) Simple if statement
    - (2) if..... else statement
    - (3) Compound if statement
    - (4) Nested if.....else statement
    - (5) else if ladder
  - 3-3. For loop
    - (1) Initialization
    - (2) Condition checking
    - (3) Increment / Decrement

Nesting of for loops

Programs of nested for loop
  - 3-4. While loop
    - Nesting of while loop
  - 3-5. Do-while loop
    - (1) for and do-while
    - (2) while and do-while

Nesting of do – while loop
  - 3-6. The switch statement
  - 3-7. Break statement
  - 3-8. exit function
  - 3-9. Continue statement
  - 3-10. Goto statement
  - 3-11. gotoxy function
  - 3-12. Special programs
- Exercises 3

**PROGRAMMING IN C**  
**DETAILED CONTENTS**

**Chapter 4 'C' FUNCTIONS – USER DEFINED FUNCTION**

- 4-1. Introduction
- 4-2. Needs/importance/advantages
- 4-3. Function Definition
  - (1) First line
  - (2) Body of the function
- 4-4. Return statement
- 4-5. Calling a function
- 4-6. Function prototyping
  - (1) No argument, No returntype
  - (2) No argument, With returntype
  - (3) With argument, Without returntype
  - (4) With argument, With returntype
- 4-7. Passing arguments to a function
  - (1) Call by value
  - (2) Call by reference
- 4-8. Nesting of functions
- 4-9. Recursion
- 4-10. Typical Programs
- 4-11. Macros
- Exercises 4

**Chapter 5 STORAGE CLASSES**

- 5-1. Introduction
- 5-2. Types of storage classes
- 5-3. Automatic variables
- 5-4. External variable
  - Difference between external variable definition and declaration
  - Inherent dangers of external variables
- 5-5. Static variable
- 5-6. Register variable
- 5-7. Multifile Programming
  - Rules associated with the use of functions in multifile programming
  - Variables in multifile programs
  - How to run multifile programs
  - Exercises 5

**Chapter 6 ARRAY**

- 6-1. Introduction
- 6-2. What is an array?
- 6-3. Defining one-dimensional array
- 6-4. Initializing arrays
- 6-5. Processing an array
- 6-6. Passing array to function
- 6-7. Two-dimensional arrays
- 6-8. Initializing two-dimensional arrays
- 6-9. Array and strings
- 6-10. Declaration and initialization of strings
- 6-11. How to input strings?
- 6-12. How to print strings to the screen?
  - (1) %s
  - (2) putchar( )
  - (3) puts( )
- 6-13. Finding length of a string
- 6-14. Copying strings
- 6-15. Comparison of two strings
- 6-16. Reversing a string
- 6-17. Concatenating strings
- 6-18. String handling functions
  - (1) String length functions
  - (2) String copy functions
    - (i) strcpy( )
    - (ii) strncpy( )

- (3) String compare functions
  - (i) strcmp( )
  - (ii) strcmpi( )
- (4) String reverse functions
- (5) String concatenate function
- (6) String lower functions
- (7) String upper functions
- (8) String set function
- (9) Bytes swapping function
- 6-19. Typical programs
- Exercises 6

**Chapter 7 POINTERS**

- 7-1. Introduction
- 7-2. What is pointer?
- 7-3. Declaration and initialization of pointers
  - (1) char \*ch
  - (2) int \*number
  - (3) float \*fptr
- 7-4. '&' and '\*' operators
  - (1) &
  - (2) \*\*
- 7-5. Pointer and one-dimensional arrays
- 7-6. Pointer and two-dimensional array
- 7-7. Dynamic memory allocation
  - Allocating a block of memory
  - Freeing the used space
  - Modifying block size
- 7-8. Operations on pointers
- 7-9. Pointer and functions
- 7-10. Functions returning pointers
- Exercises 7

**Chapter 8 STRUCTURES AND UNIONS**

- 8-1. Introduction
- 8-2. Structure declaration
- 8-3. Dot operator
- 8-4. How to give values to structure members?
- 8-5. Structure initialization
- 8-6. Using unary operators with structures
- 8-7. Using assignment operator with structure
  - (૧) સંપૂર્ણ સ્ટ્રક્ચર વેરિએબલને બીજા સ્ટ્રક્ચર વેરિએબલમાં assign કરીને
  - (૨) સ્ટ્રક્ચર વેરિએબલના individual memberમાં વેલ્યુ assign કરીને
- 8-8. Array of structures
- 8-9. Arrays within structures
- 8-10. Structures within structures – nested structure
- 8-11. Structures and functions
- 8-12. Structures and pointers
  - How pointers to structure variables declare?
  - How a structure is accessed using its pointer?
- 8-13. typedef feature of 'C'
- 8-14. Unions
- 8-15. Typical programs
  - (1) Structure time (2) gettime( ) (3) kbhit( ) (4) delay( )
- Exercises 8

**Chapter 9 WORKING WITH FILES**

- 9-1. Introduction
- 9-2. Opening a file
- 9-3. Closing a data-file
- 9-4. File input/output functions
  - (1) putc( ) function
  - (2) getc( ) function
  - (3) fputc( ) function
  - (4) fgetc function

**PROGRAMMING IN C**  
**DETAILED CONTENTS**

- (5) fputs( ) function
  - (6) fgets( ) function
  - (7) putw( ) function
  - (8) getw function
  - (9) fwrite function
  - (10) fread function
  - (11) fprintf function
  - (12) fscanf function
  - 9-5. Opening a file in append mode
  - 9-6. A program to copy a file
  - 9-7. Error handling during file I/O operation
    - (1) feof function
    - (2) ferror function
  - 9-8. Movement of file pointer
    - (1) fseek function
    - (2) ftell( ) function
    - (3) rewind function
- Exercises 9

**Chapter 10 INTRODUCTION TO OBJECT ORIENTED PROGRAMMING**

- 10-1. Introduction
  - 10-2. Needs for object oriented programming
    - (1) Procedural languages
    - (2) Division into functions
    - (3) Problems with structured programming
    - (4) Data undervalued
    - (5) Relationship to the real world
    - (6) New data types
  - 10-3. Object Oriented Approach
  - 10-4. Characteristics of OOP language
    - (1) Classes and objects
    - (2) Data abstraction and encapsulation
    - (3) Inheritance
    - (4) Polymorphism and overloading
    - (5) Creating new data types
  - 10-5. Something about C++
    - (1) cout – output operator
    - (2) cin – input operator
  - 10-6. Examples on C++
- Exercises 10

**Chapter 11 SPECIAL PROGRAMS**

**Appendix A FLOWCHART AND ALGORITHM**

- A-1. Introduction
- A-2. Algorithm
- A-3. Characteristics
- A-4. Flowchart
- A-5. Flowchart symbols
- A-6. Computer flowcharting symbols
- A-7. Arithmetic operators and comparators
- A-8. Typical flowcharts

**Appendix B BIT OPERATORS**

- B-1. Introduction
- B-2. Bitwise operators
- B-3. Bitwise logical operators
  - (1) Bitwise AND operator
  - (2) Bitwise OR operator
  - (3) Bitwise exclusive OR
- B-4. Bitwise shift operators
  - (1) Left shift operator
  - (2) Right shift operators
- B-5. Bitwise complement operator

**Appendix C ASCII CHARACTER SET TABLE**

- C-1. Control character set
- C-2. Printing character set
- C-3. Extended ASCII character set

**Appendix D OPERATORS PRECEDENCE TABLE**

**Appendix E STANDARD LIBRARY FUNCTIONS**

- E-1. alloc.h
- E-2. conio.h
- E-3. ctype.h
- E-4. dir.h
- E-5. dos.h
- E-6. io.h
- E-7. graphics.h
- E-8. math.h
- E-9. stdio.h
- E-10. stdlib.h
- E-11. String.h
- E-12. time.h

**Index**