



PROGRAMMING IN C

[IN GUJARATI LANGUAGE]

By
Jignesh Shah

Edition : 2nd Edition : 2010
ISBN : 9789380358062
Size : 170 mm x 240 mm
Binding : Paperback
Pages : 480 + 16 = 496



₹ 190.00 BUY

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.

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