22AIE101 Question Bank for Periodical 2

December 2022

To: B. Tech. in Computer Science and Engineering (Artificial Intelligence) of the Chennai Campus

Problem Solving & C Programming - 22AIE101

Question Bank

1. C Program to Check Whether a Year is Leap Year or Not
2. C Program to Check Whether a Number is Divisible by 5 or Not
3. C Program to Display Fibonacci Sequence
4. C Program to Check Whether a Number is Even or Odd
5. C Program to Check Whether a Number is Prime or Not
6. C Program to Find Factorial of a Number
7. C Program to Check Whether a Number is Prime or Not
8. C Program to Find Sum and Average of 3 Numbers
9. C Program to Convert Celsius to Fahrenheit using Formula c*1.8+32
10. C Program to Find Area of a Rectangle
11. C Program to Evaluate $(a+b)^2$
12. C Program to Evaluate (ax+b)(ax-b)
13. C Program to Check Eligibility for Voting
14. C Program to Calculate Simple Interest using Formula PTR/100
15. C Program to Calculate Cube of a Number using Switch Statement
16. C Program to Calculate Profit or Loss using If Else Statement
17. C Program to Enter a number and print Day Name of the week using Switch Statement
18. C Program to Generate Multiplication Table
19. C Program to Perform Addition of Two Matrices using Arrays
20. C Program to Perform Subtraction of Two Matrices using Arrays
21. C Program to Perform Multiplication of Two Matrices using Arrays
22. C Program to Add Two Numbers using Pointers
23. C Program to Swap the Values of Two Numbers using Call by Value and Call by Reference
24. C program to Calculate Total Marks and Percentage of a Student using Structures
25. C program to Store Name, ID and Salary of 3 Employees and Print Details using Structures
26. C program to Create a File and Write Data into the File
27. C program to Read the Data from a Text File
28. C program to Write the Contents of a Text File
29. C program to Copy the Contents of One File to Another File
30. C Program to Merge Two Files by Copying the Contents and Writing it in 3rd File