**C Project**

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| 1. [**C Program to Copy String Without Using strcpy()**](https://www.programiz.com/c-programming/examples/swapping) |
| 1. ***C Program to Remove all Characters in a String Except Alphabets*** |
| 1. ***C Program to Check Whether a Character is Vowel or Consonant*** 2. ***C Program to Count the Number of Vowels, Consonants.*** 3. ***C Program to Find Largest Number Using Dynamic Memory Allocation*** 4. ***C Program to Access Array Elements Using Pointer*** 5. ***C Program to Find Largest Element in an Array*** 6. ***C Program to Calculate Average Using Arrays*** 7. ***C program to Reverse a Sentence Using Recursion*** 8. ***C Program to Convert Binary Number to Octal and vice-versa*** 9. ***C Program to Convert Octal Number to Decimal and vice-versa*** 10. ***C Program to Convert Binary Number to Decimal and vice-versa*** 11. ***C Program to Display its own Source Code as Output*** |
| 1. **C Program to Find the Largest Number Among Three Numbers** |
| 1. **C Program to Check Leap Year (using all methods)** |
| 1. **C Program to Generate Multiplication Table** |
| 1. **C Program to Make a Simple Calculator Using switch...case** |
| 1. **C Program to Add Two Matrix Using Multi-dimensional Arrays** |
| 1. **C Program to Multiply two Matrix Using Multi-dimensional Arrays** |
| 1. **C Program to Find Transpose of a Matrix** |
| 1. **C Program to Multiply two Matrices by Passing Matrix to a Function** |
| 1. **C Program to Write a Sentence to a File** |
| 1. **C Program to print following pattern** |
| **\***  **\* \***  **\* \* \***  **\* \* \* \***  **\* \* \* \* \***  **\* \* \* \* \***  **\* \* \* \***  **\* \* \***  **\* \***  **\***  **24. C Program to print following pattern** |
| **\*\*\*\*\*\*\*\*\*\***  **\*\*\*\*  \*\*\*\***  **\*\*\*    \*\*\***  **\*\*      \*\***  **\*        \***  **25. C Program to print following pattern** |
| **1        1**  **12      21**  **123    321**  **1234  4321**  **1234554321** |

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| **26.**  **123454321**  **1234321**  **12321**  **121**  **1**  **27.** |
| **1A2B3C4D5E**  **1A2B3C4D**  **1A2B3C**  **1A2B**  **1A** |

28. Create project to enter student details and store that details in file

1. Full Name

2. mobile number

3. email id

4. address

5. 12th percentages

6. subjects in BCA / BSCIT

7. Total of BCA / BSCIT subject

8. Percentages

29. Create project to enter emp details and store that details in file

1. Full Name

2. mobile number

3. email id

4. address

5. birth date

6. joining date

30. Create project to enter customer details and store that details in file

1. Full Name

2. mobile number

3. email id

4. address

31. Create project to store contact details in file (like phone book)

1. Contact person name

2. Mobile number

32. Create project to manage library data.