

# SHREE ADARSH BCA & MSC IT COLLEGE

HADDAD ROAD,BOTAD

## C++ PROGRAM ASSIGNMENT-1(CLASS)

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- 1) Write a c++ program to enter the 3\*3 Matrix and print it. Count the row and column of the matrix.  
(Use appropriate data member and member function)
- 2) Write a c++ program to create class rev. Taking the member function of input and display. To enter the one number and reverse it.
- 3) Write a c++ program using class and object to enter one number and check it is Armstrong number or not.
- 4) Write a c++ program to enter one number and print the following series : 0  
1 1 2 3 5 ...  
(Use appropriate data member and member function)
- 5) Write a c++ program to enter one number and print the following series : 2  
3 5 7 11 .....  
(Use appropriate data member and member function)
- 6) Write a c++ program create class minimum with the member function input and output and enter the 3 number and find the minimum of them.
- 7) Write a c++ program create class swap with the member function input and output and enter the 2 number and swap them without using third variable.
- 8) Write a c++ program create class design with the member function input and display and enter the one number and print the following design.

```
      *  
    *  *  
  *  *  *
```

9) Write a c++ program create class design with the member function input and display and enter the one number and print the following design.

```
1
0 1
1 0 1
0 1 0 1
```

10) Write a c++ program create class design with the member function input and display and enter the one number and print the following design.

```
1
2 1
3 2 1
4 3 2 1
```

11) Write a c++ program create class design with the member function input and display and enter the one number and print the following design.

```
1
1 0
1 0 1
1 0 1 0
```

12)

```
      *
    *  *
  *      *
*          *
*  *  *  *
```

- 13) Write a C++ program to create class Marksheet with data member rollno, name, mark1, mark2, mark3 and total, percentage create two member function input and display. Print the marksheet of the student.  
(v.v imp program)
- 14) Write a c++ program create class employee with the data member emp\_no, name, dept, da, ta, basic\_salary. To create data function input and output. The salary increment 50% of basic salary then print the detail of the employee without incement the salary and with increment salary.