

Lab Assignment 3

Deadline: JAN 10, 2024

1. WAP to test whether the number given by the user is positive or not.
2. WAP to determine whether the entered number is odd or even.
3. WAP to find which number is greater entered by user
4. WAP to find the greatest number among four numbers.
5. WAP that input cost price(cp) and selling price (sp) and determine whether there is profit or loss.
6. Write a program to print fibonacci series
7. Write a program to check prime number.
8. Write a program to check palindrome number.
9. Write a program to print factorial of a number.
10. Write a program to check armstrong number.
11. Write a program to generate fibonacci triangle.
12. Write a program to Find LCM of two Numbers.
13. WAP to display/print the following pattern

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

14. WAP to display/print the following pattern

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
```

15. WAP to print

```
A
B B
C C C
D D D D
E E E E E
```

16. WAP To Print

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

17.WAP To Print

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

18. WAP to check the alphabet or not.

19. WAP to check leap year.

20. WAP to find the Roots of a Quadratic Equation

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