



**For and While loop programs for practice.**

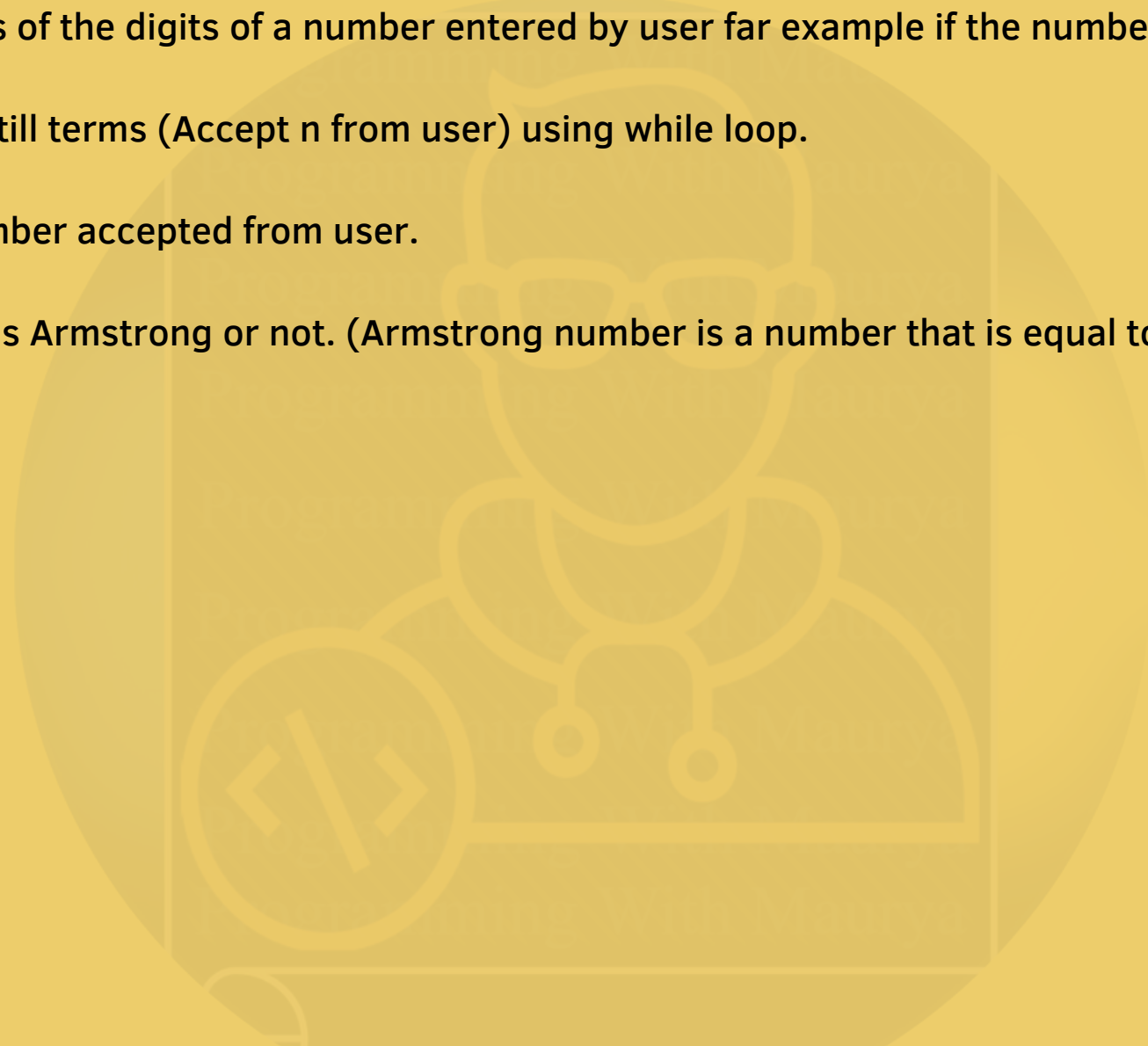
PROGRAMMING WITH MAURYA  
SINCE 2020

**08/11/22**

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1. Write a program to print the following using while loop
  - a. First 10 Even numbers
  - b. First 10 Odd numbers
  - c. First 10 Natural numbers
  - d. First 10 Whole numbers
2. Write a program to print first 10 integers and their squares using while loop.
3. Write for loop statement to print the following series:  
10, 20, 30..... 300
4. Write a while loop statement to print the following series  
105, 98, 91....7
5. Write a program to print first 10 natural number in reverse order using while loop.
6. Write a program to print sum of first 10 Natural numbers.
7. Write a program to print sum of first 10 Even numbers.
8. Write a program to print table of a number entered from the user.
9. Write a program to print all even numbers that falls between two numbers (exclusive both numbers) entered from the user using while loop.
10. Write a program to check whether a number is prime or not using while loop.
11. Write a program to find the sum of the digits of a number accepted from the user.
12. Write a program to find the product of the digits of a number accepted from the user.

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13. Write a program to reverse the number accepted from user using while loop.
14. Write a program to display the number names of the digits of a number entered by user for example if the number is 231 then output should be Two Three One
15. Write a program to print the Fibonacci series till terms (Accept n from user) using while loop.
16. Write a program to print the factorial of a number accepted from user.
- 17- Write a program to check whether a number is Armstrong or not. (Armstrong number is a number that is equal to the sum of cubes of its digits for example :  $153 = 1^3 + 5^3 + 3^3$ ).

**After executing all these programs, again do this using  
for loop.**

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As these programs are only for practice purpose.

If you want to improve your performance through this session.

Just submit all the codes after executing it. (no cheating!!)

It'll be counted as Task submission and it might help you to get multiple certifications after completion of the program.

Steps to submit:

1. Save every code with the question number name, like q1.py
2. solving all these program, compress it and make a zip file.
3. Submit two zip files, one for while loop and another for for loop.
4. Send it on the mail, sending on WhatsApp or through any other medium will not be accepted.
5. Subject for the mail: 8th Nov-2022 Ghana Session {Your name}
6. Attach your files and send it on programmingwithmaurya@gmail.com

Deadline for submission: 20-Nov-2022

Thank You

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