

13/12/2022

- WAP to accept two numbers from the user and display their sum
 - WAP to accept radius of a Circle from the user and calculate area and circumference
 - WAP to accept roll number , grade and percentage as input from the user and display it back
 - Write a program that asks the user to enter his/her name and age. Print out a message , displaying the user's name along with the year in which they will turn 100 years old.
 - Write a program that asks the user to input 2 integers and adds them . Accept both the numbers in a single line only
 - Write a Python program which accepts the user's first and last name and print them in reverse order with a space between them.
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15/12/2022

- **WAP to accept an integer from the user and check whether it is an even or odd**
- **WAP to accept a character from the user and check whether it is a capital letter or small letter. Assume user will input only alphabets**

- **WAP to accept a character from the user and check whether it is a **capital letter** or **small letter** or **a digit** or some **special symbol****
 - **WAP to accept 3 integers from the user and without using any logical operator and cascading of relational operators , find out the greatest number amongst them**
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- **WAP to accept a year from the user and check whether it is a leap year or not.**

An year is a leap year if:

It is exactly divisible by 4 and at the same time not

divisible by 100

OR

It is divisible by 400

For example:

2017 is not a leap year

2012 is a leap year

1900 is a not leap year

2000 is a leap year

- **You have to develop a number guessing game. Following are the steps needed:**
- **At first , the program will generate a random integer secretly.**

- **Now it will ask the user to guess that number .**
- **If the user guessed it correctly then the program prints "Congratulations! You guessed it right" .**
- **But if the number guessed by the user is larger than the secret number then program should print "Number too large" and , if the number guessed by the user is smaller than the secret number then the program should print "Number too small"**
- **This should continue until the user guesses the number correctly or quits .**
- **If the user wants to quit in between he will have to type 0 or negative number**

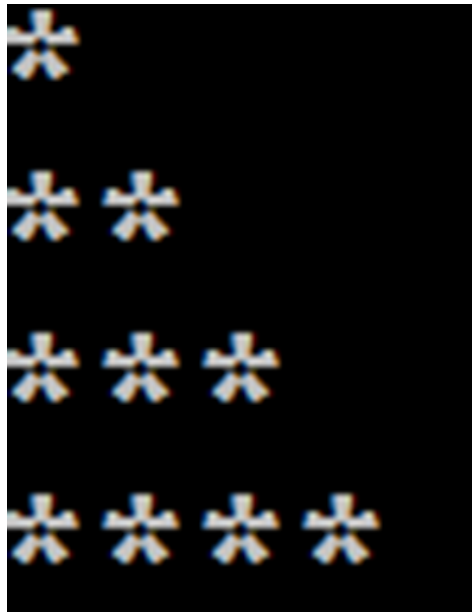
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- Write a program to accept a string from the user and display it vertically but don't display the vowels in it.
 - Write a program to continuously accept integers from the user until the user types 0 and as soon as 0 is entered display sum of all the nos entered before 0

Note: Modify the previous code so that if the user inputs a negative integer , your program should ignore it .

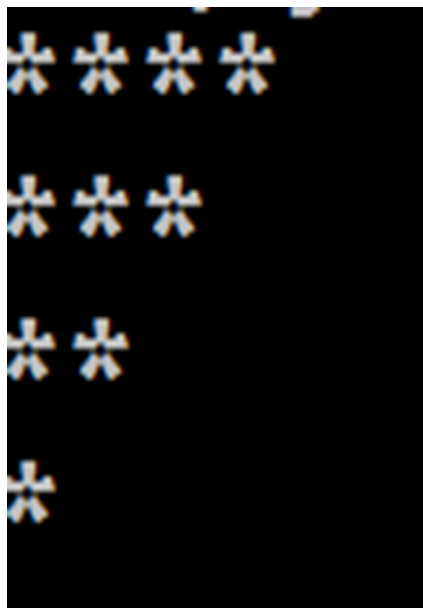
- Write a program **using a for loop** to accept a string from the user and display it vertically but don't display the vowels in it.
- Write a program to accept an integer from the user and display the sum of all the numbers from 1 to that number.
- Write a program to accept an integer from the user and calculate its factorial
- Write a program to print the following pattern



- Write a program to print the following pattern



- Write a program to print the following pattern



- Write a program to accept an integer from the user and display all the numbers from 1 to that number. Repeat the process until the user enters 0.