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Input Name

Aim: Write a python program to input a welcome message and display it.

Modules used: N/A

Data types used: String

Script:

A close up of a white background

Description automatically generated

Output:

A close up of a text

Description automatically generated

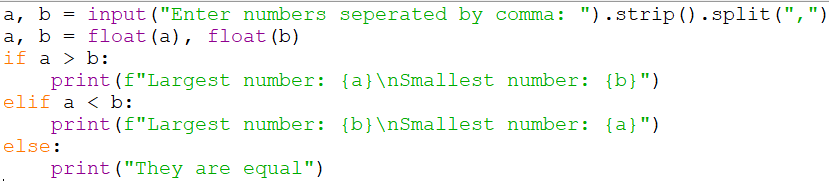
Compare 2 numbers

Aim: Write a python program to input 2 numbers and display the largest & smallest number.

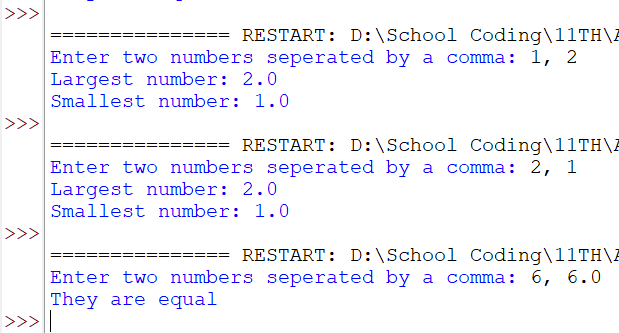
Modules used: N/A

Data types used: String, float

Script:



Output:



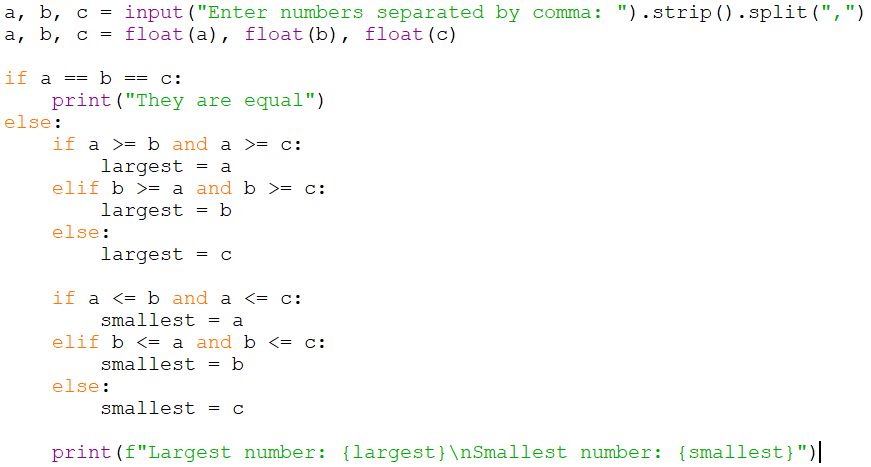
Compare 3 numbers

Aim: Write a python program to input 3 numbers and display the largest & smallest number.

Modules used: N/A

Data types used: String, float

Script:



Output:

A close-up of a number

Description automatically generated

Series Question 1

Aim: Find the sum of the series:

Modules used: N/A

Data types used: Integer

Script:

A white background with black text

Description automatically generated

Output:

A white background with blue text

Description automatically generated

Series Question 2

Aim: Find the sum of the series:

Modules used: N/A

Data types used: Integer

Script:

A screenshot of a computer program

Description automatically generated

Output:

Blue text on a white background

Description automatically generated

Perfect number, Armstrong and Palindrome

Aim: A menu driven program that checks if the given number is perfect / Armstrong / Palindrome

Modules used: N/A

Data types used: Integer

Script:

A screenshot of a computer program

Description automatically generated

A screenshot of a computer code

Description automatically generated

Output:

A screenshot of a computer code

Description automatically generated

A screenshot of a computer code

Description automatically generated

A white paper with blue text

Description automatically generated

A screenshot of a computer program

Description automatically generated

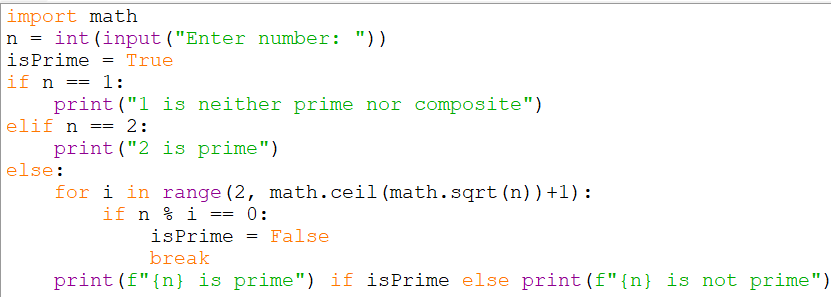
Prime Or Composite

Aim: Write a program to input a number and check if the number is a prime or composite number.

Modules used: math

Data types used: Integer

Script:



Output:

A close-up of a number

Description automatically generated

Fibonacci Series

Aim: Write a program to display the n terms of a Fibonacci series.

Modules used: N/A

Data types used: Integer

Script:

A screenshot of a computer

Description automatically generated

Output:

A close-up of a number

Description automatically generated

Patterns

Aim: Generate the following patterns using for loop

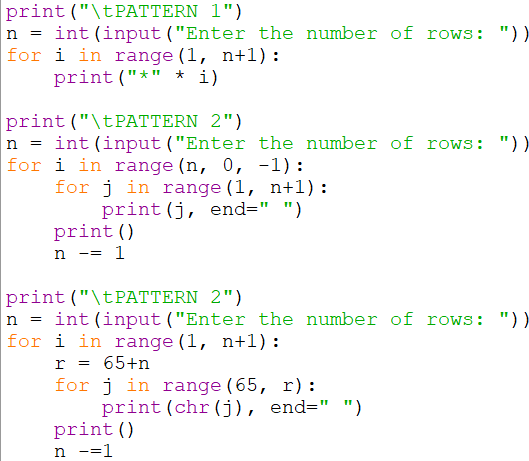
A screenshot of a computer

Description automatically generated

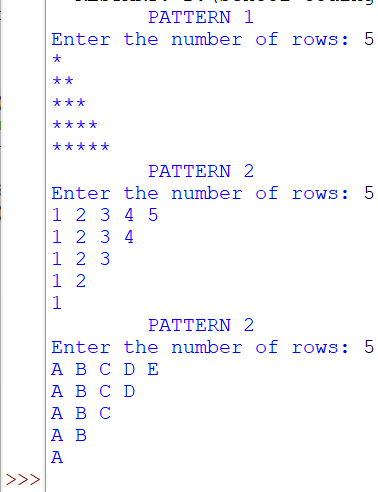
Modules used: N/A

Data types used: Integer / String

Script:



Output:



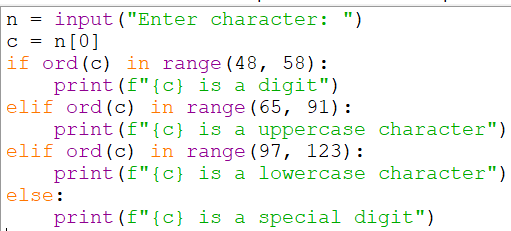
Check character type

Aim: Write a program to input a character and print whether it is an upper-case alphabet, lower-case alphabet, a digit, or special character

Modules used: N/A

Data types used: String

Script:



Output:

A screenshot of a computer code

Description automatically generated

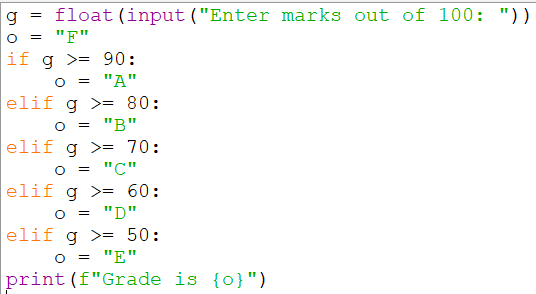
Convert marks to grade

Aim: To write a program to input percentage marks of a student and find the grade as per mark.

Modules used: N/A

Data types used: Integer

Script:



Output:

A close-up of a white background

Description automatically generated

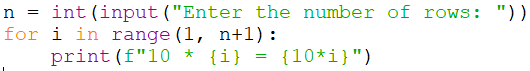
Table of Ten

Aim: Write a program to print the table of ten

Modules used: N/A

Data types used: Integer, String

Script:



Output:

A screenshot of a math game

Description automatically generated

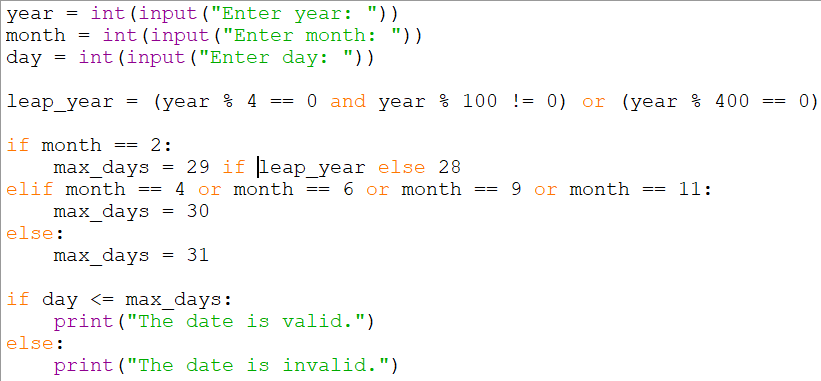
Check if date is valid

Aim: Write a program to check validity of date

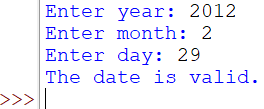
Modules used: N/A

Data types used: Integer

Script:



Output:



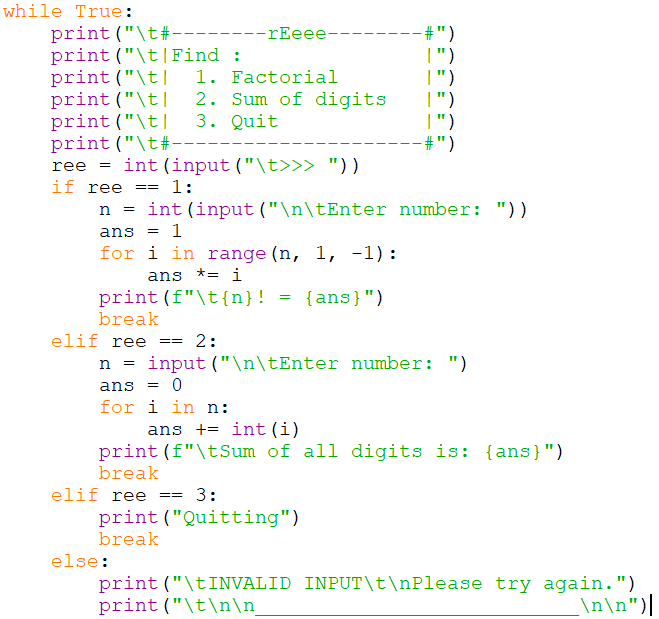
Factorial & Sum of digits of a number

Aim: Write a menu driven program to find a) factorial of a number b) Sum of digits of a number

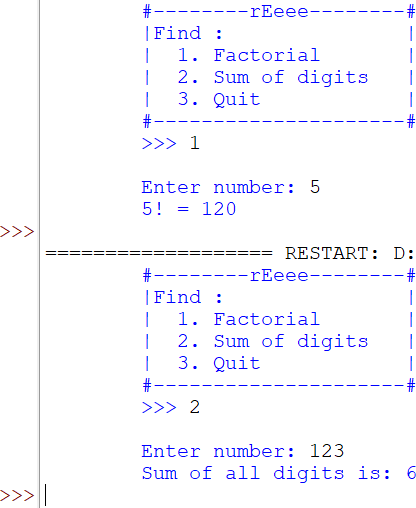
Modules used: N/A

Data types used: Integer / String

Script:



Output:



Sum & Average of Prime, Odd & Even numbers

Aim: Write a program to calculate sum and average of odd, even and prime no.

Modules used: N/A

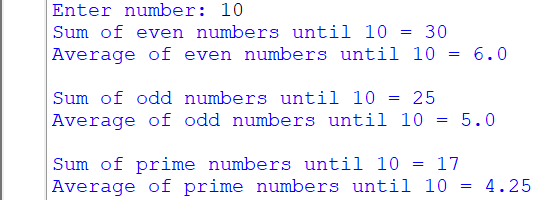
Data types used: Integer / Float

Script:

A screenshot of a computer code

Description automatically generated

Output:



Sum of prime number in a range of 2 numbers

Aim: Write a program to find sum of prime no. between 2 ranges

Modules used: N/A

Data types used: Integer / Float

Script:

A screen shot of a computer code

Description automatically generatedOutput:

A close-up of a white background

Description automatically generated

Calculate roots of a quadratic equation

Aim: Write a program to calculate the roots of a quadratic equation

Modules used: math

Data types used: Integer / Float

Script:

A white background with green and yellow lines

Description automatically generated

Output:

A close-up of a number

Description automatically generated