Mathemetical functions on Pothon.

· Moth functions in python refers to a set of pre-det functions provided by the moth module, which allows users to perform mathematical operations.

* sgrt () function

- · 8+ returns the squire next of a number
- · Real time Eg Distance calculation.

code

X = math. sqrt (15)

x

op:- 3.872983346207417

* Floor () function

- · Return the number which is less than or Equal
- · Real time Eg Rounding Down Price.

code: print (math. Hoor (3.9))

0/p:- 3

- * ceil () function.
 - · Returns the number, which is greater than or Equal to X
 - · Real-time &g Rounding Up Delivery time.

code - Print (math. ceil (4.9))

0/p: 5

- * Pow () function
 - · Returns the 'x' raised to the power (x,y).
 - · Real time Eg wed in finance to calculate compound interest.

print (math. pow (2,3)) 0/p = 8.0

- * round () function.
 - Return the value of x younded to 'n' decimal. places. If 'n' is not specified, It rounds to the nearest integer,
 - · Real-Time Eg: Used to wound prices.

code- round (pow(2,3))

Math functions with Constant values - does't vary

i) pi-(u); which gives the mathematical combat

ii) e; which gives the Euler's number.

Code- print (math. pi)

0/p = 13.14159 2653589793

ode- print (math. e)

o/p = 2.718281828459045

-x- author (5 bares

· Input () function.

uper. as a othing. (eg. text, numbers).

code = x = input() y = input()

04p

evalco function.

runs a string as a python expression.

code - result = veval (input ('enter an exp'))

print (result)

mput: 2+3+4+5

0/p: 14

For botter understanding Prefer Jupgler the