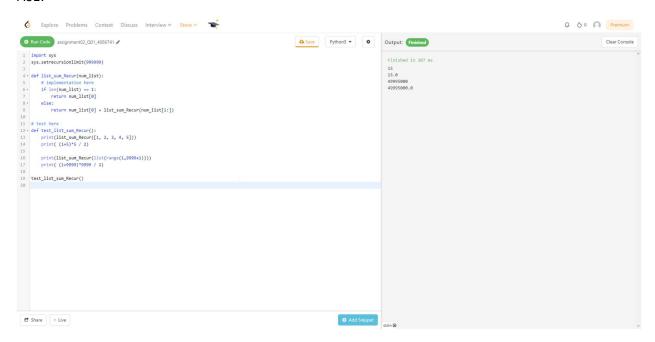
Assignment02_4086741 (CDS2003)

Q01:

Please use recursion to define and test a function to calculate the sum of a list of numbers.

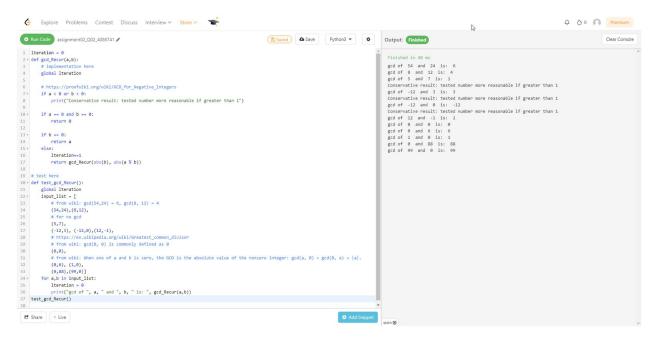
A01:



Q02:

Please use recursion to define and test a function to find the greatest common division of two positive integers.

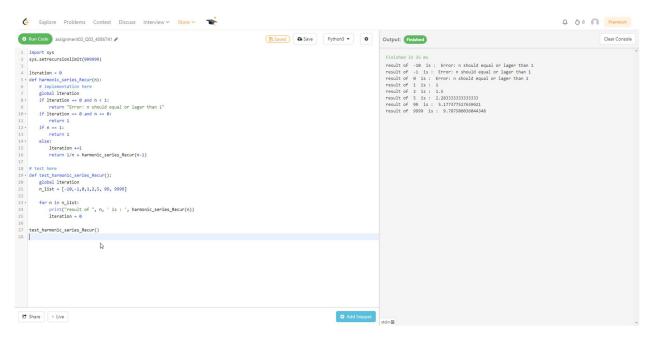
A02:



Q03:

Please use recursion to define and test a function to calculate the harmonic series up to `n` terms.

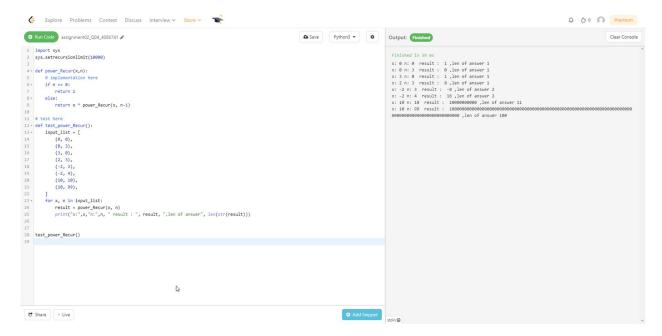
A03:



Q04:

Please use recursion to define and test a function to calculate the value of x to the power of n

A04:

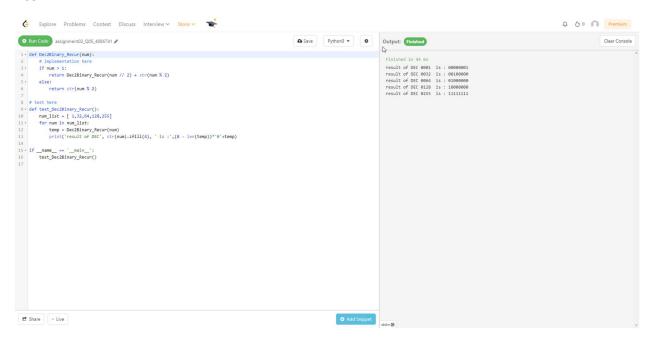


Optional

Q05:

Please use recursion to define and test a function to accept a decimal integer and display its binary equivalent.

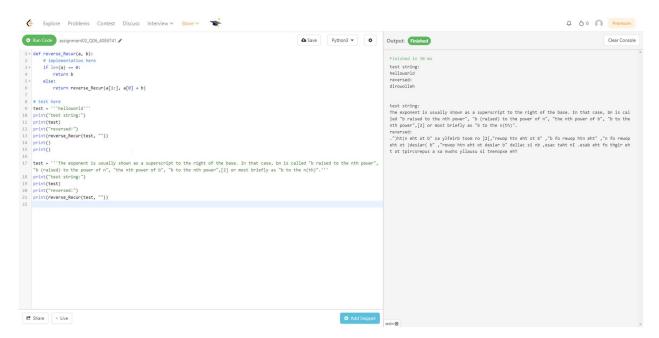
A05:



Q06:

Please use recursion to define and test a function to take in a string and returns a reversed copy of the string.

A06:



Q07:

Please use recursion to define and test a function to check whether a number is Prime or not.

A07:

