Muhammad Zain

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Lab 1

AI LAB

Task1:

print("My poem must have a meter\n\tAnd it also has to rhyme,\n\tIt's due tomorrow morning...\nHow I wish I had more time!\n\tI do not think that I can write\n\tA poem the way I should —\nBut look...this is a poem right here,\n\tAnd it is pretty good.")

ScreenShot:

Graphical user interface, text

Description automatically generated

Task2:

Text

Description automatically generated

Screenshot:

Text

Description automatically generated

Task3:

#Saxon  
import self as self  
  
  
class SAXON:  
 length = None  
 width = None  
 height = None  
 length1 = None  
 width1 = None  
 depth1 = None  
 Result = None  
 Result1 = None  
  
 def \_\_init\_\_(self):  
 length = float(input("Input the length of Room : "))  
 width = float(input("Input the Width of Room : "))  
 height = float(input("Input the Height of Room : "))  
 self.Room(length, width, height)  
  
 length1 = float(input("\nInput the length of Pool : "))  
 width1 = float(input("Input the Width of Pool : "))  
 depth1 = float(input("Input the Depth of Pool : "))  
 self.Pool(length1, width, height)  
  
 print("I am going to clean Room with ",self.Result," area and Pool width ",self.Result1," volume");  
  
  
 def Room(self, a, b, c):  
 self.Result =a \* b \* c  
  
 def Pool(self, length, Width, Height):  
 self.Result1 = length \* Width \* Height \* 7.5  
  
  
  
choice=None  
print("\*\*\*CLEANING WITH SAXON\*\*\*")  
print("\*I am a Robotic Cleaner\*")  
print("I am going to clean your room and Pool")  
print("Please input your Dimensions Respectively\n")  
  
obj = SAXON()

Screenshot:Text

Description automatically generated