**Problem Set 2**

1. What value is displayed when the last expression (a) is evaluated? Explain your answer by indicating what happens in every executed statement.

Text

Description automatically generated

While calling function b, global a variable set and then call function c which increment value of a by 2 using addition function. I had called function b so a value increment by 2 three times, so it became 6. If we call function b 4 times, then value of a became as 8.

1. Function fileLength()

Text

Description automatically generated

1. Write a function called Marsupial

Text

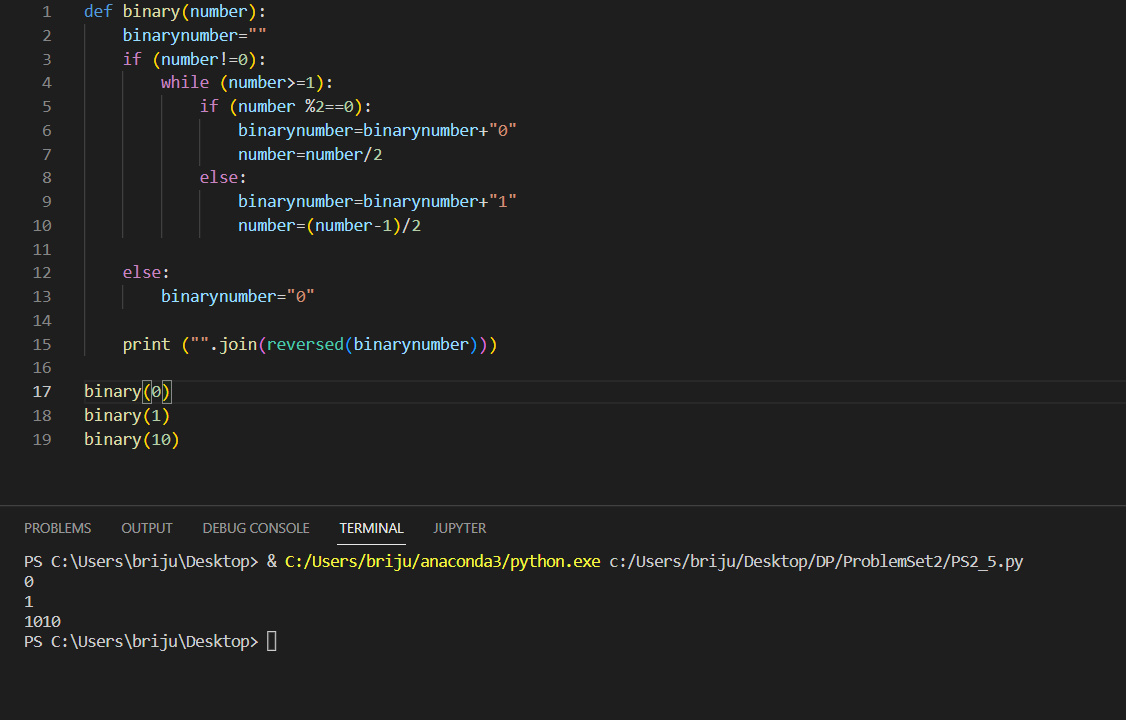
Description automatically generated

1. Write a function collatz()

Text

Description automatically generated

1. Binary Function



1. HeadingParser

Text

Description automatically generated

1. Webdir
2. SQL Queries
3. All the Temperature data

Table

Description automatically generated

1. All the cities, but without repetition

Graphical user interface, application, email

Description automatically generated

1. All the records for India

Table

Description automatically generated

1. All the fall records.

Table

Description automatically generated

1. The city, country, and season for which the average rainfall is between 200 and 400 millimeters.

Graphical user interface, application, Word

Description automatically generated

1. The city and country for which the average Fall temperature is above 20 degrees, in increasing temperature order.

Graphical user interface, application, Word

Description automatically generated

1. The total annual rainfall for Cairo

A picture containing table

Description automatically generated

1. The total rainfall for each season.

Word

Description automatically generated with medium confidence

1. Write list comprehension expressions

Text

Description automatically generated