Assignment - 3

Akshith Reddy Sunka

700758358

GitHub link :

Video link: https://drive.google.com/file/d/11qWVsypWPClnpsMtAliYoMW0eD6LhvFi/view?usp=drive\_link

1. Create a class Employee and then do the following

• Create a data member to count the number of Employees

• Create a constructor to initialize name, family, salary, department

• Create a function to average salary

• Create a Fulltime Employee class and it should inherit the properties of Employee class

• Create the instances of Fulltime Employee class and Employee class and call their member functions

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Output:

A screenshot of a computer

Description automatically generated

1. Numpy

Using NumPy create random vector of size 20 having only float in the range 1-20.

Then reshape the array to 4 by 5

Then replace the max in each row by 0 (axis=1)

(you can NOT implement it via for loop)

Source code:

A screenshot of a computer program

Description automatically generated

Output:

A white sheet with black text

Description automatically generated