Neural-Networks-Assignment-2

**Github link:** [**https://github.com/sailikhit0920/Neural-Networks-Assignment-2**](https://github.com/sailikhit0920/Neural-Networks-Assignment-2)

**Video link:** [**https://www.loom.com/share/f04d8ec707bb4f46b2b822357cedef8b?sid=1877e8f0-e4f2-4140-9fcf-d4c772c4b85f**](https://www.loom.com/share/f04d8ec707bb4f46b2b822357cedef8b?sid=1877e8f0-e4f2-4140-9fcf-d4c772c4b85f)

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.

Code:

A screenshot of a computer program

Description automatically generated

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)

Code:

A screenshot of a computer code

Description automatically generated