**Git Hub Link: https://github.com/pooja0079/ICP-3**

**SPRING 2024: CS5720**

**Neural Networks & Deep Learning: ICP-3**

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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 screen shot of a computer program

Description automatically generated**

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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).**

**A screen shot of a computer program

Description automatically generated**