**NAME :**Leela Sekhar Chowdary Mannava

**ID(700#) :**700740979

**E-Mail :**lxm09790@ucmo.edu

**Assignment :**3

**Tools :**Google Colab

**Programming:** Python

**GitHub**

**Link:** [**https://github.com/LXM09790/MLAssignment-3**](https://github.com/LXM09790/MLAssignment-3)

**Question1**

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Explanation:

* By using random keyword we can generate random variables
* Randint() used to specify the range and size
* Reshape() used to represent the elements in the array

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Explanation:

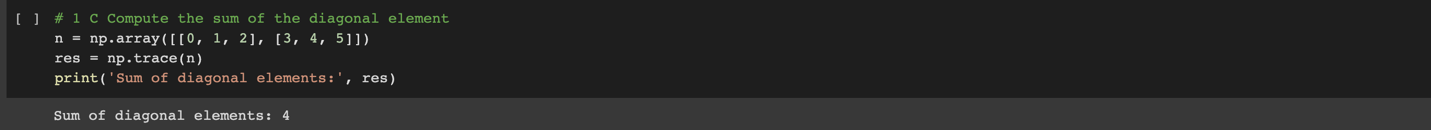
* By using shape keyword it display the matrix rows and columns
* By specify the type it displays the type of the variable.

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Explanation:

* By eig() we can generate eigen values

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Explanation:

* Trace() is used to calculate the diagonal elements sum in the array

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Explanation:

* Reshape() is used to generate the new shape for the matrix

**Question2**

**Text

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Explanation:

* Pie()is used to represent the elements in the pie chart form