

Date - 7/6/2020

Course - MATLAB

Topic - Array

Calculation

Repository - Rashmi.k

Name - Rashmi

USN - 4AL18EC043

Sem - IV Sem

### Report:

Today's Topic -

- 1> Indexing into modifying arrays
- 2> Array calculation

#### 1> Array creation function

MATLAB contains many function that help you to create commonly used matrices, such as matrices of random numbers

$x = \text{rand}(2)$

- 2> Many matrix creation function allow you to input one no. to create a square matrix or input two numbers to create non-square matrices

$x = \text{rand}(2, 3)$

#### 3> Indexing into arrays:

Indexing is modified value in a array

Date : 7/6/2020

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things

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Sem - IV Sem

### Report:

#### 1) Everything Generates Data

**Big Data** - Data is information that comes from a variety of sources, such as people, pictures, text sensors & web sites.

\* Fog computing is an architecture that utilizes end user clients or "edge" devices to do a substantial amount of the pre-processing & storage required by org.

#### 2) Everything can be automated.

**Automation** - is any process that is self driven and reduces then eventually eliminates the need for human intervention.

**Artificial intelligence** is the intelligence demonstrated by machines.