Declaring Variables

· In MATLAB, you can declare variables by assigning a value to a variable name using the equals sign (=). MATLAB is a dynamically typed language, which means that you do not need to specify the data type of a variable when you declare it. The data type of a variable is determined automatically based on the value you assign to it.

· Eg :- x = 5;

Basic matrix operations

MATLAB is a powerful tool for working with matrices. Here are some basic matrix commands in MATLAB:

1. Creating a matrix:

```
A = [1 2 3; 4 5 6; 7 8 9];
```

This creates a 3x3 matrix A with the elements 1, 2, 3 in the first row, 4, 5, 6 in the second row, and 7, 8, 9 in the third row.

2. Accessing elements of a matrix:

```
A(2,3)
```

This returns the element in the second row and third column of matrix A, which is 6.