MATLAB
Unit 3-Lecture 7

BTech (CSBS) -Semester VII

2 August 2022, 09:35AM

Matrices

1. Create a matrix, *mat*. Is there a **rot180** function? Is there a rot90 function (to rotate clockwise)?

2. Use above *mat,* and try to flip the matrix from left to right.

3. Use same *mat*, and flip up to down.

4. Create an empty vector and find the length of this vector.

5. Create a vector in 1 to 10 range and delete 4 element from same vector.

Matrices

6. Create a vector, vec, ranging 3 to 15. Delete a subset vector range from 9 to 12

7. From above given vector, check if individual elements could be deleted.

8. From the matrix as obtained in (1), remove the second coloumn.

9. Find the absolute vaule of vector in range -5 to 1

10. Find the sign of below given matrix

$$
\begin{matrix}
-4 & 2 & 8 \\
0 & -10 & -42 \\
-9 & 15 & 0
\end{matrix}
$$

Matrices

11. Find if below strings are equal:
　　　　str1= "hello";
　　　　str2= "howdy";