## Innovatus Technologies Implementing Ideas...

## **APPRENTICESHIP**

## **SET 22 – C Programming Language**

## (Matrices)

- 1. Write a program to interchange the given columns.
- 2. Write a program to interchange the given rows.
- 3. Write a program to add two matrices.
- 4. Write a program to print the Principal Diagonal Elements of a Square matrix.
- 5. Write a program to print the Secondary Diagonal Elements of a Square matrix.
- 6. Write a Program to find the sum of Principal Diagonal Elements of a matrix
- 7. Write a Program to find the sum of Secondary Diagonal Elements of a matrix
- 8. Write a program to interchange the primary diagonal to secondary diagonal of a Square matrix
- 9. Write a program to check whether the given matrix is symmetric or not
- 10. Write a program to print elements above the principle diagonal of matrix

\*\*\*\*