27 June

**C Program to check if the given matrix is upper triangle or not.**

#include <stdio.h>

int main()

{

int n;

printf("Enter the values of n: ");

scanf("%d",&n);

int flag = 0;

int mat[n][n];

int i, j;

printf("Enter the elements:\n");

for(i = 0; i < n; i++)

{

for(j = 0; j < n; j++)

scanf("%d",&mat[i][j]);

}

for (i = 1; i < n; i++)

for (j = 0; j < i; j++)

if (mat[i][j] != 0)

flag = 0;

else

flag = 1;

if (flag == 1)

printf("Upper Triangular Matrix");

else

printf("Not an Upper Triangular Matrix");

return 0;

}