<u>TRAVERSE</u>

```c
/****    Program to Traverse a 2-D Array    ****/

#include <stdio.h>

void traverse();

int a[50][50], m, n;

main()
{
    int i, j;

    printf("\nEnter number of rows & cols: ");
    scanf("%d%d", &m, &n);

    printf("\nEnter elements of 2-D array:\n");
    for(i=0; i<m; i++)
        for(j=0; j<n; j++)
            scanf("%d", &a[i][j]);

    printf("\n\n2-D array before traversing:\n\n");
    for(i=0; i<m; i++)
    {
        for(j=0; j<n; j++)
            printf("\t%d", a[i][j]);
        printf("\n\n");
    }

    traverse();

    printf("\n\n2-D array after traversing:\n\n");
    for(i=0; i<m; i++)
    {
        for(j=0; j<n; j++)
            printf("\t%d", a[i][j]);
        printf("\n\n");
    }
    getch();
}
```

```
void traverse()
{
     int i, j;

     for(i=0; i<m; i++)
         for(j=0; j<n; j++)
             a[i][j] = a[i][j] * 2;
}
```

```
void traverse()
{
     int i, j;
```