

```

/*
        1
        2 1
        3 2 1
        4 3 2 1
        ..... N Lines
*/

void main()
{
    int i, j, n;
    clrscr();
    printf("Enter n");
    scanf("%d",&n);
    for(i=1 ; i<=n ; i++) // outer loop (rows)
    {
        for(j=n ; j>=i ; j--) // inner loop (For space)
        {
            printf("  ");
        }
        for(j=i ; j>=1; j--) // inner loop (columns)
        {
            printf("%4d",j);
        }
        printf("\n");
    }
    getch();
}
/*
i      j      n
1<=3 T      1      3
      2<=1 F
2<=3 T      1
      2
      3<=2 F
3<=3 T      1
      2
      3
      4<=3 F
4<=3 F
*/

```