

```

/*
    1      2      3      4      5
      2      3      4      5
        3      4      5
          4      5
            5

*/
void main()
{
    int i, j, n;
    clrscr();
    printf("Enter n");
    scanf("%d",&n);
    for(i=1 ; i<=n ; i++) // outer loop (rows)
    {
        for(j=1 ; j<=i ; j++) // inner loop (For space)
        {
            printf("  ");
        }
        for(j=i ; j<=n; 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

*/

```