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Input

5

Output

Enter the number of rows to print the pryamid

5

The pryamid structure for the given number of rows is

*

Input

5

Output

The pryamid structure for the given number of rows is

```
  *
 ***
*****
*****
*****
```

PYRAMID STRUCTURE

Program →

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i, j, row, m;
```

```
    printf("Enter the number of rows to  
           print the pyramid\n");
```

```
    scanf("%d", &row);
```

```
    printf("The pyramid structure for the  
           given number of rows is\n");
```

```
    for(i=1; i<=row; i++)
```

```
    {  
        for(j=1; j<=row-i; j++)
```

```
        {  
            printf(" ");
```

```
        }
```

```
        for(m=0; m<=2*i-1; m++)
```

```
        {  
            printf("*");
```

```
        }
```

```
        m=0;
```

```
        printf("\n");
```

```
    }  
    return 0;
```

```
}
```

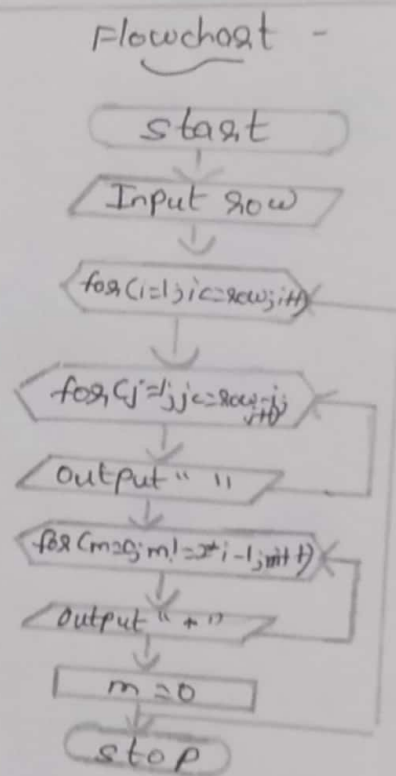
Algorithm

step1 - start

step2 - Input row

step 3 - Repeat for $i=1; i \leq \text{row}; i++$
 repeat for $j=1; j \leq \text{row} - i; j++$
 output " "
 [End for]
 Repeat for $m=0; m \leq 2^i - 1; m++$
 output " + "
 [End for]
 $m = 0$
 [End for]

step 4 - stop



output
 Enter the number of rows to print the pyramid
 5
 the pyramid structure for given number of rows is

```

      *
     ***
    *****
   *********
  ***********
 
```