

```
1  #include<stdio.h>
2  int main(){
3      int rows;
4      printf("Enter number of rows: ");
5      scanf("%d",&rows);
6      //this loop is for half diamond
7      for(int i=1;i<=rows;i++){
8          for(int j=1;j<=i;j++){
9              printf("*");
10             }
11             printf("\n");
12         }
13
14         //this loop is for inverted pyramid(change rows-1 to rows(watch complete video to
understand)
15         for(int i=rows-1;i>=1;i--){
16             for(int j=1;j<=i;j++){
17                 printf("*");
18             }
19             printf("\n");
20         }
21         return 0;
22     }
23 }
```