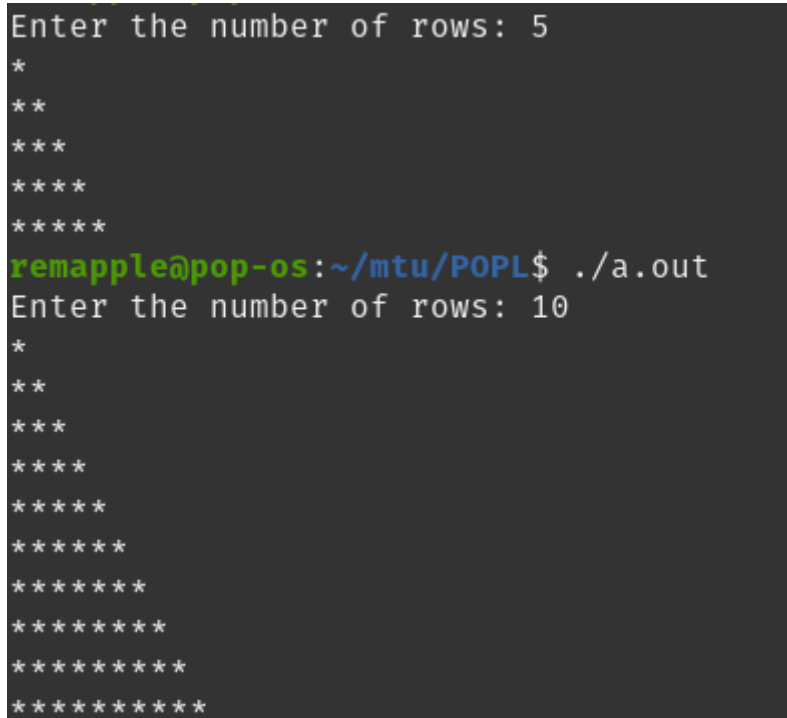


Q1. Write a C program to print half pyramid of \*.

Code:

```
#include<stdio.h>
int main()
{
    int i, j, row;
    printf("Enter the number of rows: ");
    scanf("%d",&row);
    for(i=0;i<row;i++)
    {
        for(j=0;j<=i;j++)
        {
            printf("*");
        }
        printf("\n");
    }
}
```



The screenshot shows a terminal window with a dark background. The prompt is 'remapple@pop-os:~/mtu/POPL\$'. The user has run './a.out'. The program prompts 'Enter the number of rows: 5' and prints a half pyramid of 5 rows of asterisks. Then, the user enters '10' and the program prints a half pyramid of 10 rows of asterisks.

```
Enter the number of rows: 5
*
**
***
****
*****
remapple@pop-os:~/mtu/POPL$ ./a.out
Enter the number of rows: 10
*
**
***
****
*****
*****
*****
*****
*****
*****
*****
*****
```

Q2. Write a C program to print full pyramid of \*.

Code:

```
#include<stdio.h>
int main()
```

```

{
    int i, j, k, l, row;
    printf("Enter the number of rows: ");
    scanf("%d",&row);
    for(i=0;i<row;i++)
    {
        for(j=row;j>i+1;j--)
        {
            printf(" ");

        }
        for(k=0;k<=i;k++)
        {
            printf("*");
        }
        for(l=0;l<i;l++)
        {
            printf("*");
        }
        printf("\n");
    }
}

```

```

Enter the number of rows: 5
    *
   ***
  *****
 *****
*****
remapple@pop-os:~/mtu/POPL$ ./a.out
Enter the number of rows: 10
    *
   ***
  *****
 *****
*****
*****
*****
*****
*****
*****
*****
*****
*****

```