

Program to print half pyramid using alphabets

```
A
B B
C C C
D D D D
E E E E E
```

Source Code

```
#include<stdio.h>
int main() {
    int i, j;
    char input, alphabet='A';
    printf("Enter the uppercase character you want to print in last row: ");
    scanf("%c", &input);
    for (i=1; i<=(input-'A'+1); ++i) {
        for (j=1; j<=i; ++j)
            { printf("%c", alphabet); }
        ++alphabet;
        printf("\n");
    }
    return 0;
}
```

Programs to print inverted half pyramid using * and numbers

Inverted half pyramid using *

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

```
* *  
*
```

Source Code

```
#include<stdio.h>  
int main() {  
    int i, j, rows;  
    printf("Enter number of rows: ");  
    scanf("%d", &rows);  
    for (i=rows; i>=1; --i) {  
        for (j=1; j<=i; ++j)  
            { printf("* "); }  
        printf("\n");  
    }  
    return 0;  
}
```

Inverted half pyramid using numbers

```
1 2 3 4 5  
1 2 3 4  
1 2 3  
1 2  
1
```

Source Code

```
#include<stdio.h>  
int main() {  
    int i ,j, rows;  
    printf("Enter number of rows: ");  
    scanf("%d", &rows);  
    for (i=rows; i>=1; --i) {  
        for (j=1; j<=i; ++j)
```

```
        { printf("%d ",j); }  
        printf("\n");  
    }  
    return 0;  
}
```