

Generate the following patterns.

i)  
\*\*\*\*\*  
\*\*\*\*  
\*\*\*  
\*\*  
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Code:

```
#include<stdio.h>
int main()
{
    int i,j;

    for(i=5;i>0;i--)
    {
        for(j=1;j<=i;j++)
        {
            printf("*");
        }
        printf("\n");
    }

    return 0;
}
```

Output:

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

ii)  
L  
MM  
NNN  
OOOO

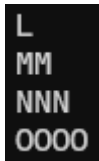
Code:

```
#include<stdio.h>
int main()
{
    int i,j;

    for(i=76;i<80;i++)
    {
        for(j=76;j<=i;j++)
        {
            printf("%c",i);
        }
        printf("\n");
    }

    return 0;
}
```

Output:



```
L
MM
NNN
OOOO
```

iii)  
55555  
4444  
333  
22  
1

Code:

```
#include<stdio.h>
int main()
{
    int i, j, k;

    for(i=5; i>0; i--)
    {
        for(k=0; k<5-i; k++)
        {
            printf(" ");
        }

        for(j=1; j<=i; j++)
        {
            printf("%d", i);
        }

        printf("\n");
    }
    return 0;
}
```

Output:

```
55555
4444
333
22
1
```