

10) Write nests of loops that cause the following output to be displayed.

```
0
0 1
0 1 2
0 1 2 3
0 1 2 3 4
0 1 2 3 4 5
0 1 2 3 4
0 1 2 3
0 1 2
```

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

```
int main () {
```

```
for (int i=0; i<6; i++) {
```

```
    for (int j=0; j<=i; j++) {
```

```
        printf( "%d ", j );
```

```
    }
```

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

```
}
```

```
for (int i=4; i>=0; i--) {
```

```
    for (int j=0; j<=i; j++) {
```

```
        printf( "%d ", j );
```

```
    }
```

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

```
}
```

```
return 0;
```

```
}
```



~/Documents/dslab

gcc assignment1 Q10.c
./a.out

```
0
0 1
0 1 2
0 1 2 3
0 1 2 3 4
0 1 2 3 4 5
0 1 2 3 4
0 1 2 3
0 1 2
0 1
0
```