

week 2

Rajeshwari
18M19CS031

3)

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

```
int main() {
```

```
    int rows, i, j, number = 1;
```

```
    printf ("Enter the number of rows:");
```

```
    scanf ("%d", &rows);
```

```
    for (i = 1; i <= rows; i++) {
```

```
        for (j = 1; j <= i; ++j) {
```

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

```
            ++number;
```

```
        }
```

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

```
    }
```

```
    return 0;
```

```
}
```




Run



Debug



Stop



Share



Save



Beautify

main.c

```
1  #include <stdio.h>
2  int main() {
3      int rows, i, j, number = 1;
4      printf("Enter the number of rows: ");
5      scanf("%d", &rows);
6      for (i = 1; i <= rows; i++) {
7          for (j = 1; j <= i; ++j) {
8              printf("%d ", number);
9              ++number;
10         }
11         printf("\n");
12     }
13     return 0;
14 }
```

Enter the number of rows: 4

```
1
2 3
4 5 6
7 8 9 10
```