1. Write a code to print the following pattern.

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

```c
int main() {
    int i, j, rows;
    printf("Enter the number of rows: ");
    scanf("%d", &rows);
    for (i = 1; i <= rows; ++i) {
        for (j = 1; j <= i; ++j) {
            printf("* ");
        }
        printf("\n");
    }
    return 0;
}
```

2. Write C Program to print the following pattern.

```
*****

****

***

**

*
```

```c
int main()
{
    int i, j;
    for (i = 1; i <= 5; ++i) {
        for (j = 5; j >= i; --j) {
            printf("*");
        }
        printf("\n");
    }
    return 0;
}
```

3. Write C Program to print the following pattern.

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

4. Write C Program to print the following pattern.

```
11111
2222
333
44
5
```

```
int main()
{
  int i, j;
  for (i = 1; i <= 5; ++i) {
    for (j = 5; j >= i; --j) {
      printf("%d",i);
    }
    printf("\n");
  }
    return 0;
}
```

5. Write C Program to print the following pattern.

54321

5432

543

54

5

```c
int main()
{
  int i, j;
   for (i = 1; i <= 5; ++i) {
     for (j = 5; j >= i; --j) {
       printf("%d",j);
      }
      printf("\n");
    }
      return 0;
}
```

6. Write C Program to print the following pattern.

1
12
123
1234
12345

```c
int main()
{
  int i, j;
   for (i = 1; i <= 5; ++i) {
     for (j = 1; j <= i; ++j) {
       printf("%d",j);
      }
      printf("\n");
    }
      return 0;
}
```

7. Write C Program to print the following pattern.

```
1
22
333
4444
55555
int main()
{
  int i, j;
  for (i = 1; i <= 5; ++i) {
    for (j = 1; j <= i; ++j) {
      printf("%d",i);
    }
    printf("\n");
  }
    return 0;
}
```

8. Write C Program to print the following pattern.

```
12345

1234

123

12

1
```

```
int main()
{
  int i, j;
  for (i = 5; i >= 1; --i) {
    for (j = 1; j <= i; ++j) {
      printf("%d",j);
    }
    printf("\n");
  }
    return 0;
}
```

9. Write C Program to print the following pattern.

```
55555
4444
333
22
1
```

```c
int main()
{
  int i, j;
  for (i = 5; i >= 1; --i) {
    for (j = 1; j <= i; ++j) {
      printf("%d",i);
    }
    printf("\n");
  }
    return 0;
}
```