```
for (int i = 1; i <= 5; i++){
                                 //printing empty spaces
                                 for (int j = 5; j >= i; j--){
                                       cout << " ";
                                 cout << "*" << endl;</pre>
                           for (int i = 0; i<5; i++) {
*****
                                 if (i == 0){
                                       cout << "******" << endl;</pre>
                                 for (int j = 5; j > i; j - -) {
                                       cout << " ";
 ****
                                 cout << "*" << endl;</pre>
                           cout << "******" << endl;</pre>
                           for (int i = 1; i <= 5; i++){
*****1
                                 for (int j = 5; j >= i; j--){
****2
                                     cout << "*";
                                 cout << i << endl;</pre>
                           for (int i = 1; i <= 5; i++){
                                 for (int j = 5; j >= i; j -- ){}
                                      cout << " "
                                 for (int k = 1; k <= i; k++){
    * * * *
                                      cout << "*";
   * * * *
                                 cout << endl;</pre>
                           for (int i = 1; i <= 5; i++){
                                 for (int j = 5; j >= i; j -- ){}
      22
                                      cout << " '
    333
                                 for (int k = 1; k <= i; k++){
   4444
                                      cout << i;
 55555
                                 cout << endl;</pre>
```

```
for (int i = 1; i <= 5; i++){
                                 for (int j = 5; j >= i; j--){
cout << " ";
   12
  123
                                 for (int k = 1; k <= i; k++){
                                      cout << k;
 1234
                                 }
12345
                                 cout << endl;</pre>
                          for (int i = 1; i <= 5; i++){
                                for (int j = 5; j >= i; j--){
                                      cout << " ";
                                 for (int k = 1; k \le i; k++){
                                      cout << "* ";
                                 cout << endl;</pre>
                          for (int i = 1; i <= 5; i++){
                                for (int j = 5; j >= i; \overline{j}--){
  2 2
                                      cout << " ";
4 4 4 4
                                for (int k = 1; k <= i; k++){
    cout << i << " ";
                                 cout << endl;</pre>
                          for (int i = 1; i <= 5; i++){
                                 for (int j = 5; j >= i; j--){
  1 2
                                      cout << " ";
 1 2 3
                                 for (int k = 1; k \le i; k++){
 2 3 4 5
                                      cout << k << " ";
                                 cout << endl;</pre>
```