# 자료구조 1주차 1회

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```
#include <iostream>
using namespace std;

| fint main() | fint i=1, j=1;
| fint main() | fint main() | fint i=1, j=1;
| fint main() |
```

```
1 2 3 4 5 6 7 8 9
2 4 6 8 10 12 14 16 18
2 5 6 9 12 15 18 21 24 27
3 4 8 12 16 20 24 28 32 36
5 10 15 20 25 30 35 40 45
6 12 18 24 30 36 42 48 54
6 12 18 24 30 36 42 48 54
7 14 21 28 35 42 49 56 63
7 14 21 28 35 42 49 56 63
7 18 27 36 45 54 63 72 81
```



```
#include <iostream>
      using namespace std:
  4 ☐ int main()[
5
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           int i=1, j=1;
           while(i<=5){
               while(j <= 5-i){
                    cout << " ";
                    j++;
               }j=1;
               while(j<=i){
                    cout << "*";
                    j++;
                }j=1;
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                i++;
                cout << endl;
           return 0;
```



```
vt_ttvii_i(i):cbb i+vt_ttvii_i(s):cbb i+vt_ttvii_i(s)
   #include <iostream>
   using namespace std;
□ int main(){
       int i=1, j;
       while(i<=5){
           j=1;
           while(j<=5-i){
                cout <<" ";
                j++;
           }j=1;
           while(j<=2*i-1){
               cout << "*";
                j++;
           }cout << endl;
           i++;
       return 0;
```



## 6 do while 사용

```
#include <iostream>
 using namespace std;

   int main(){
     int i=1;
     int max=0;
     int score;
         cout << "점수 입력 : ";
         cin >> score;
         if(score > max){
             max = score;
     }while (i<=5);
     cout << "최대 점수 = "<<max <<endl;
     return 0;
```

## 7 do while 사용

```
#include <iostream>
   using namespace std;
4 ☐ int main(){
       int i=1;
       int sum =1;
       int x,y;
       cin >>x >>v;
       do{
           sum*=x;
           i++;
       }while(i<=y);
       cout << sum <<endl;
       return 0;
```



# 감사합니다