U25 ZS 4325

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3085번 - 사탕 게임 baekjoon

C++14

```
Cnt, न्यू लड़े
जारा
 1 #include <iostream>
 2 #include <vector>
 3 #include <algorithm>
 4 using namespace std;
 5 int check(vector<string>(&a)
       int n = a.size();
       int ans (1)
       for (int i=0; (<n
                                              Cut=
           int(cnt)
           for (int j=1; j<n; j++) {
10
11
12
13
               } else { *
14
                   cnt = 1;
15
               if (ans < Int) ans = cnt;
16
17
18
           cnt = 1;
                                                で也。
19
           for (int j=1; j<n; j++) {
20
               if (a[j][i] == a[j-1][i]) {
21
                   cnt += 1;
22
               } else {
23
                   cnt = 1;
24
25
               if (ans < cnt) ans = cnt;</pre>
26
27
28
       return ans;
29 }
30 int main() {
31
       int n;
32
       cin >>(n;
33
       vector<string> a(n);
34
       for (int i=0; i<n; i++) {</pre>
35
           cin >> a[i];
36
37
       int ans = 0;
38
       for (int i=0; i<n; i++) {</pre>
           for (int j=0; j<n; j++) {
39
               if (j+1 < n) { ื
40
                   swap(a[i][j], a[i][j+1]);
41
                   int temp = heck(a)
42
                   if (ans) < temp) ans = temp;</pre>
43
                   swap(a[i][j], a[i][j+1]);
44
45
               if (i+1 < n) { >
46
                   swap(a[i][j] i+1][j])
47
48
                   int temp = (heck(a);
                           temp; ans = temp;
49
                   swap(a[i][j], a[i+1][j]);
50
51
52
53
54
       cout << ans << '\n';</pre>
55
       return 0;
```

Java 8

56 }

57

결과

맞았습니다!!

메모리

2020 KB

시간

28 ms

코드 길이

1328 B

```
1 import java.util.*;
   2 public class Main {
         static int check(char[][] a) {
             int n = a.length;
             int ans = 1;
             for (int i=0; i<n; i++) {</pre>
                  int cnt = 1;
   8
                  for (int j=1; j<n; j++) {</pre>
   9
                      if (a[i][j] == a[i][j-1]) {
  10
                          cnt += 1;
 11
                      } else {
 12
                          cnt = 1;
 13
 14
                      if (ans < cnt) ans = cnt;</pre>
 15
 16
                  cnt = 1;
 17
                 for (int j=1; j<n; j++) {
 18
                      if (a[j][i] == a[j-1][i]) {
 19
                          cnt += 1;
  20
                      } else {
  21
                          cnt = 1;
  22
  23
                      if (ans < cnt) ans = cnt;</pre>
  24
  25
  26
             return ans;
  27
  28
         public static void main(String[] args) {
  29
             Scanner sc = new Scanner(System.in);
             int n = sc.nextInt();
  30
             char[][] a = new char[n][n];
  31
  32
             for (int i=0; i<n; i++) {
  33
                  a[i] = sc.next().toCharArray();
  34
  35
             int ans = 0;
  36
             for (int i=0; i<n; i++) {</pre>
                  for (int j=0; j<n; j++) {</pre>
  37
  38
                      if (j+1 < n) {
  39
                          char t = a[i][j]; a[i][j] = a[i][j+1]; a[i][j+1] = t;
  40
                          int temp = check(a);
                          if (ans < temp) ans = temp;</pre>
  41
  42
                          t = a[i][j]; a[i][j] = a[i][j+1]; a[i][j+1] = t;
                      }
  43
                      if (i+1 < n) {
  44
  45
                          char t = a[i][j]; a[i][j] = a[i+1][j]; a[i+1][j] = t;
  46
                          int temp = check(a);
                          if (ans < temp) ans = temp;</pre>
  47
                          t = a[i][j]; a[i][j] = a[i+1][j]; a[i+1][j] = t;
  48
  49
                      }
  50
  51
  52
             System.out.println(ans);
  53
  54 }
 55
                                             메모리
                                                                             시간
              결과
                                                                                                           코드 길이
            맞았습니다!!
                                           14944 KB
                                                                           164 ms
                                                                                                           1683 B
Python 3
```

```
1 def check(a):
       n = len(a)
       ans = 1
       for i in range(n):
           cnt = 1
           for j in range(1, n):
                if a[i][j] == a[i][j-1]:
 8
                    cnt += 1
 9
                else:
10
                    cnt = 1
11
                if ans < cnt:</pre>
12
                    ans = cnt
13
           cnt = 1
14
           for j in range(1, n):
                if a[j][i] == a[j-1][i]:
15
16
                    cnt += 1
17
                else:
18
                    cnt = 1
19
                if ans < cnt:</pre>
20
                    ans = cnt
21
       return ans
22
23 n = int(input())
24 a = [list(input()) for _ in range(n)]
25 \text{ ans} = 0
26 for i in range(n):
       for j in range(n):
27
28
           if j+1 < n:
29
                a[i][j],a[i][j+1] = a[i][j+1],a[i][j]
                temp = check(a)
30
31
                if ans < temp:</pre>
32
                    ans = temp
33
                a[i][j],a[i][j+1] = a[i][j+1],a[i][j]
34
           if i+1 < n:
                a[i][j],a[i+1][j] = a[i+1][j],a[i][j]
35
36
                temp = check(a)
37
                if ans < temp:</pre>
38
                    ans = temp
39
                a[i][j],a[i+1][j] = a[i+1][j],a[i][j]
40 print(ans)
41
42
43
                                                                           시간
            결과
                                           메모리
                                                                                                         코드 길이
```

맞았습니다!! 29284 KB 3284 ms 1006 B 3085번 - 사탕 게임 baekjoon

C++14

1 #include <iostream>

```
2 #include <vector>
 3 #include <algorithm>
 4 using namespace std;
 5 int check(yector<string> &a
                                  'int start_row, int end_row, int start_col, int end_col) {
       int n = a.size(
       int ans = 1;
       for (int i=start_row; i<=end_row; i++) {</pre>
           int cnt = 1;
           for (int j=1; j<n; j++) {</pre>
10
11
                if (a[i][j] == a[i][j-1]) {
12
                    cnt += 1;
13
                } else {
14
                    cnt = 1;
15
16
                if (ans < cnt) ans = cnt;</pre>
17
18
19
       for (int i=start_col; i<=end_col; i++) {</pre>
20
           int cnt = 1;
21
           for (int j=1; j<n; j++) {
22
                if (a[j][i] == a[j-1][i]) {
23
                    cnt += 1;
24
                } else {
25
                    cnt = 1;
26
27
                if (ans < cnt) ans = cnt;</pre>
28
29
       return ans;
31 }
32 int main() {
33
       int n;
34
       cin >> n;
35
       vector<string> a(n);
       for (int i=0; i<n; i++) {</pre>
36
37
           cin >> a[i];
38
39
       int ans = 0;
40
       for (int i=0; i<n; i++) {</pre>
           for (int j=0; j<n; j++) {</pre>
41
                if (j+1 < n) {
42
43
                    swap(a[i][j], a[i][j+1]);
                                                            J.1901
                    int temp = check(a, i, i, j, j+1);
44
                    if (ans < temp) ans = temp;</pre>
45
46
                    swap(a[i][j], a[i][j+1]);
47
                if (i+1 < n) {
48
49
                    swap(a[i][j], a[i+1][j]);
50
                    int temp = check(a, (i, i+1))
                    if (ans < temp) ans = temp;</pre>
51
                    swap(a[i][j], a[i+1][j]);
52
53
54
            }
55
56
       cout << ans << '\n';</pre>
57
       return 0;
```

Java 8

58 }

59

결과

맞았습니다!!

```
1 import java.util.*;
   2 public class Main {
         static int check(char[][] a, int start_row, int end_row, int start_col, int end_col) {
             int n = a.length;
             int ans = 1;
             for (int i=start_row; i<=end_row; i++) {</pre>
                  int cnt = 1;
   8
                  for (int j=1; j<n; j++) {</pre>
   9
                      if (a[i][j] == a[i][j-1]) {
  10
                          cnt += 1;
  11
                      } else {
  12
                          cnt = 1;
  13
  14
                      if (ans < cnt) ans = cnt;</pre>
  15
  16
             }
  17
             for (int i=start_col; i<=end_col; i++) {</pre>
                  int cnt = 1;
  18
  19
                  for (int j=1; j<n; j++) {</pre>
                      if (a[j][i] == a[j-1][i]) {
  20
  21
                          cnt += 1;
  22
                      } else {
  23
                          cnt = 1;
  24
  25
                      if (ans < cnt) ans = cnt;</pre>
  26
  27
             }
  28
             return ans;
  29
  30
         public static void main(String[] args) {
  31
             Scanner sc = new Scanner(System.in);
             int n = sc.nextInt();
  32
  33
             char[][] a = new char[n][n];
  34
             for (int i=0; i<n; i++) {</pre>
                  a[i] = sc.next().toCharArray();
  35
  36
  37
             int ans = 0;
  38
             for (int i=0; i<n; i++) {</pre>
  39
                  for (int j=0; j<n; j++) {</pre>
  40
                      if (j+1 < n) {
  41
                          char t = a[i][j]; a[i][j] = a[i][j+1]; a[i][j+1] = t;
  42
                          int temp = check(a, i, i, j, j+1);
  43
                          if (ans < temp) ans = temp;</pre>
  44
                          t = a[i][j]; a[i][j] = a[i][j+1]; a[i][j+1] = t;
  45
                      if (i+1 < n) {</pre>
  46
  47
                          char t = a[i][j]; a[i][j] = a[i+1][j]; a[i+1][j] = t;
  48
                          int temp = check(a, i, i+1, j, j);
  49
                          if (ans < temp) ans = temp;</pre>
                          t = a[i][j]; a[i][j] = a[i+1][j]; a[i+1][j] = t;
  50
  51
                      }
  52
                  }
  53
  54
             System.out.println(ans);
  55
  56 }
 57
                                                                             시간
              결과
                                             메모리
                                                                                                            코드 길이
            맞았습니다!!
                                            14492 KB
                                                                            136 ms
                                                                                                            1845 B
Python 3
```

메모리

2020 KB

시간

0 ms

코드 길이

1482 B

```
1 def check(a, (start_row, end_row, start_col, end_opl):
       n = len(a)
       ans = 1
       for i in range(start_row, end_row+1):
           cnt = 1
           for j in range(1, n):
               if a[i][j] == a[i][j-1]:
 8
                    cnt += 1
 9
               else:
10
                    cnt = 1
11
               if ans < cnt:</pre>
12
                    ans = cnt
13
       for i in range(start_col, end_col+1):
14
           cnt = 1
15
           for j in range(1, n):
16
               if a[j][i] == a[j-1][i]:
17
                    cnt += 1
18
               else:
19
                    cnt = 1
20
               if ans < cnt:</pre>
21
                    ans = cnt
22
       return ans
23
24 n = int(input())
25 a = [list(input()) for _ in range(n)]
26 \text{ ans} = 0
27 for i in range(n):
       for j in range(n):
28
29
           if j+1 < n:
               a[i][j],a[i][j+1] = a[i][j+1],a[i][j]
30
               temp = check(a, i, i, j, j+1)
31
32
               if ans < temp:</pre>
33
                    ans = temp
34
               a[i][j],a[i][j+1] = a[i][j+1],a[i][j]
35
           if i+1 < n:
36
               a[i][j],a[i+1][j] = a[i+1][j],a[i][j]
37
               temp = check(a, i, i+1, j, j)
38
               if ans < temp:</pre>
39
                    ans = temp
               a[i][j],a[i+1][j] = a[i+1][j],a[i][j]
40
41 print(ans)
42
43
```

결과 시간 코드 길이 메모리 맞았습니다!! 29076 KB 168 ms 1135 B

1476번 - 날짜 계산 baekjoon

C++14

```
1 #include <iostream>
 2 using namespace std;
 3 int main() {
       int E, S, M;
       cin \gg E \gg S \gg M;
       int e=1, s=1, m=1;
       for (int i=1;; i++) {
           if (e == E && s == S && m == M) {
                cout << i << '\n';
10
                break;
11
12
           e += 1; \
13
           s += 1;
14
           m += 1; \nu
15
           if (e == (16
16
                e = 1
17
18
           if (s ==
19
20
21
           if (m == (20))
22
                m = 1;
23
24
25
       return 0;
26 }
            결과
                                                                           시간
                                           메모리
                                                                                                         코드 길이
          맞았습니다!!
                                          1984 KB
                                                                           0 ms
                                                                                                          471 B
```

Java 8

```
1 import java.util.*;
 3 public class Main {
       public static void main(String args[]) {
           Scanner sc = new Scanner(System.in);
           int E = sc.nextInt();
           int S = sc.nextInt();
           int M = sc.nextInt();
 9
           int e=1,s=1,m=1;
10
           for (int i=1;; i++) {
               if (e == E \&\& s == S \&\& m == M) {
11
12
                   System.out.println(i);
13
                   break;
14
15
               e += 1;
16
               s += 1;
17
               m += 1;
               if (e == 16) {
18
19
                   e = 1;
20
21
               if (s == 29) {
22
                   s = 1;
23
               if (m == 20) {
24
25
                   m = 1;
               }
26
27
           }
28
29 }
            결과
                                                                         시간
                                                                                                      코드 길이
                                          메모리
         맞았습니다!!
                                                                                                       667 B
                                        14228 KB
                                                                       108 ms
```

Python 3

```
yeorczi. e,s, m
 1 E,S,M = map(int,input().split())
 2 e, s, m = 1, 1, 1
 3 \text{ year} = 1
 4 while True:
      if e == E and s == S and m == M:
          print(year)
          break
      e += 1
      s += 1
10
      m += 1
11
      if e == 16:
12
          e = 1
13
      if s == 29:
14
          s = 1
15
      if m == 20:
16
          m = 1
17
      year += 1
                                                                      시간
           결과
                                        메모리
                                                                                                  코드 길이
         맞았습니다!!
                                                                      60 ms
                                                                                                   275 B
                                       29284 KB
```

1476번 - 날짜 계산 baekjoon

C++14

```
1 #include <iostream>
 2 using namespace std;
 3 int main() {
       int e,s,m;
       cin >> e >> s >> m;
       e -= 1;
       s -= 1;
       m = 1;
       for (int i=0;; i++) {
           if (i % 15 == e) && i % 28 == 9 && i % 19 == m) {
10
11
12
               break;
13
14
15 }
                                                                         시간
            결과
                                          메모리
                                                                                                      코드 길이
         맞았습니다!!
                                         1984 KB
                                                                        0 ms
                                                                                                       281 B
```

Java 8

```
1 import java.util.*;
 3 public class Main {
       public static void main(String args[]) {
           Scanner sc = new Scanner(System.in);
           int e = sc.nextInt()-1;
           int s = sc.nextInt()-1;
           int m = sc.nextInt()-1;
 8
 9
           for (int i=0;; i++) {
10
               if (i % 15 == e && i % 28 == s && i % 19 == m) {
11
                   System.out.println(i+1);
12
                   break;
13
14
           }
15
16 }
17
            결과
                                                                        시간
                                         메모리
                                                                                                     코드 길이
          맞았습니다!!
                                                                       108 ms
                                                                                                      414 B
                                        14240 KB
```

Python 3

```
1 e,s,m = map(int,input().split())
 2 e -= 1
 3 s -= 1
 4 m -= 1
 5 \text{ year} = 0
 6 while True:
       if year % 15 == e and year % 28 == s and year % 19 == m:
 8
           print(year+1)
           break
10
       year += 1
            결과
                                                                           시간
                                           메모리
                                                                                                          코드 길이
          맞았습니다!!
                                                                           60 ms
                                                                                                           185 B
                                          29284 KB
```

1107번 - 리모컨 baekjoon

```
C++14
```

```
1 #include <iostream>
 2 using namespace std;
 3 bool broken[10];
 4 int possible (int c) {
       if (c == 0) {
           if \[broken[0]\]
               return 0
           } else {
               return 1
                                                  of 524e1 745
10
11
12
       int len = 0;
       while (c > 0) {
13
           if (broken (c % 10)) {
14
15
16
17
           len += 1
18
19
20
       return len;
21 }
22 int main() {
23
       int n;
24
       cin >> n;
25
       int m;
26
       cin >> (m;)
27
       for (int i = 0; i < m; i++) {
28
           int x;
29
           broken[x] = true;
30
                                2000 3724: 524453
01-42
31
32
33
       if (ans < 0) {
34
           ans = -ans;
35
36
                       i <= 1000000; i++) {
       for (int i
37
           int c = \mathbf{f}
           int len = possible(c);
38
           if (len > 0) {
39
               int press = c - n;
40
               if (press < 0) {</pre>
41
42
                   press = -press;
43
44
                         len + press
                  ans
                                               len + press
45
                       = len + press;
46
47
48
49
       printf("%d\n", ans);
50
       return 0;
51 }
```

메모리

1988 KB

시간

12 ms

코드 길이

950 B

Java 8

결과

맞았습니다!!

```
1 import java.util.*;
 2 public class Main {
       static boolean[] broken = new boolean[10];
       static int possible(int c) {
                                          proken
           if (c == 0) {
               if (broken[0]) {
                   return 0;
               } else {
 8
 9
                   return 1;
10
               }
11
12
           int len = 0;
           while (c > 0) {
13
               if (broken[c % 10]) {
14
15
                   return 0;
16
17
               len += 1;
18
               c /= 10;
19
20
           return len;
21
22
       public static void main(String args[]) {
23
           Scanner sc = new Scanner(System.in);
24
           int n = sc.nextInt();
25
           int m = sc.nextInt();
           for (int i = 0; i < m; i++) {
26
27
               int x = sc.nextInt();
28
               broken[x] = true;
29
30
           int ans = n - 100;
31
           if (ans < 0) {</pre>
32
               ans = -ans;
33
34
           for (int i = 0; i <= 1000000; i++) {
               int c = i;
35
36
               int len = possible(c);
               if (len > 0) {
37
38
                   int press = c - n;
39
                   if (press < 0) {
40
                       press = -press;
41
42
                   if (ans > len + press) {
43
                       ans = len + press;
44
45
46
47
           System.out.println(ans);
48
49 }
            결과
                                                                        시간
                                         메모리
                                                                                                     코드 길이
         맞았습니다!!
                                        14356 KB
                                                                       132 ms
                                                                                                      1226 B
```

Python 3

맞았습니다!!

```
1 n = int(input())
 2 m = int(input())
 3 broken = [False] * 10
 4 if m > 0:
       a = list(map(int,input().split()))
 6 else:
       a = []
 8 for x in a:
       broken[x]
10 def possible(c)
11
       if c == 0:
           if broken[0]:
12
13
               return 0
14
           else:
15
               return 1
16
       l = 0
17
       while c > 0:
18
           if broken [c%10]:
                return 0
19
20
21
               /= 10
       return l
23 ans = abs(n-100)
\mathbb{Z}_4 for i in range(0, 1000000+1):
       c = i
       l = possible(c)
       if l > 0:
           press = abs(c-n)
           if ans > l + press:
               ans = l + press
31 print(ans)
                                          메모리
                                                                          시간
            결과
                                                                                                        코드 길이
```

1308 ms

566 B

29056 KB

14500번 - 테트로미노 baekjoon

C++14

1 #include <iostream>

```
2 using namespace std;
  3 int a[500][500];
  4 int main() {
  5
        int n, m;
  6
        cin >> n >> m;
        for (int i=0; i<n; i++) {
            for (int j=0; j<m; j++) {
  8
                 cin >> a[i][j];
  9
 10
 11
        int ans = 0;
 12
        for (int i=0; i<n; i++) {</pre>
 13
            for (int j=0; j<m; j++) {
 14
                 if (j+3 < m) {
 15
                     int temp = a[i][j] + a[i][j+1] + a[i][j+2] + a[i][j+3];
 16
                     if (ans < temp) ans = temp;
 17
 18
                 if (i+3 < n) {
 19
                     int temp = a[i][j] + a[i+1][j] + a[i+2][j] + a[i+3][j];
 20
 21
                     if (ans < temp) ans = temp;</pre>
 22
                 if (i+1 < n \&\& j+2 < m) {
 23
                     int temp = a[i][j] + a[i+1][j] + a[i+1][j+1] + a[i+1][j+2];
 24
                     if (ans < temp) ans = temp;</pre>
 25
 26
                 if (i+2 < n \&\& j+1 < m) {
 27
                     int temp = a[i][j] + a[i][j+1] + a[i+1][j] + a[i+2][j];
 28
 29
                     if (ans < temp) ans = temp;</pre>
 30
 31
                 if (i+1 < n \&\&_j+2 < m) {
                     int temp = a[i][j] + a[i][j+1] + a[i][j+2] + a[i+1]
 32
                     if (ans < temp) ans = temp;</pre>
 33
 34
                    (i+2 < n \&\& j-1 >= \emptyset) {
 35
 36
                     int temp = a[i][j] + a[i+1][j] + a[i+2][j] + a[i+2][j-1];
                     if (ans < temp) ans = temp;</pre>
 37
 38
                 if (i-1 >= 0 \&\& j+2 < m) {
 39
                     int temp = a[i][j] + a[i][j+1] + a[i][j+2] + a[i-1][j+2];
 40
                     if (ans < temp) ans = temp;</pre>
 41
                 }
 42
                 if (i+2 < n \&\& j+1 < m) {
 43
                     int temp = a[i][j] + a[i+1][j] + a[i+2][j] + a[i+2][j+1];
 44
                     if (ans < temp) ans = temp;</pre>
 45
 46
                 if (i+1 < n \&\& j+2 < m) {
 47
                     int temp = a[i][j] + a[i][j+1] + a[i][j+2] + a[i+1][j];
 48
 49
                     if (ans < temp) ans = temp;</pre>
 50
                 if (i+2 < n \&\& j+1 < m) {
 51
                     int temp = a[i][j] + a[i][j+1] + a[i+1][j+1] + a[i+2][j+1];
 52
                     if (ans < temp) ans = temp;</pre>
 53
 54
                 if (i+1 < n \&\& j+1 < m) {
 55
                     int temp = a[i][j] + a[i][j+1] + a[i+1][j] + a[i+1][j+1];
 56
 57
                     if (ans < temp) ans = temp;</pre>
 58
                 if (i-1 >= 0 \&\& j+2 < m) {
 59
                     int temp = a[i][j] + a[i][j+1] + a[i-1][j+1] + a[i-1][j+2];
 60
                     if (ans < temp) ans = temp;</pre>
 61
 62
                 if (i+2 < n \&\& j+1 < m) {
 63
                     int temp = a[i][j] + a[i+1][j] + a[i+1][j+1] + a[i+2][j+1];
 64
                     if (ans < temp) ans = temp;</pre>
 65
 66
                 if (i+1 < n \&\& j+2 < m) {
 67
                     int temp = a[i][j] + a[i][j+1] + a[i+1][j+1] + a[i+1][j+2];
 68
                     if (ans < temp) ans = temp;</pre>
 69
 70
                 if (i+2 < n \&\& j-1 >= 0) {
 71
                     int temp = a[i][j] + a[i+1][j] + a[i+1][j-1] + a[i+2][j-1];
 72
                     if (ans < temp) ans = temp;</pre>
 73
 74
                 if (j+2 < m) {
 75
                     int (temp) = a[i][j] + a[i][j+1] + a[i][j+2];
 76
                     if (i-1 >= 0) {
 77
                         int temp2 = temp + a[i-1][j+1];
 78
                         if (ans < temp2) ans = temp2;</pre>
 79
                     }
 80
                     if (i+1 < n) {
 81
                         int temp2 = temp + a(i+1)[j+1];
 82
                         if (ans < temp2) ans = temp2;</pre>
 83
 84
 85
                 if (i+2 < n) {
 86
                     int temp = a[i][j] + a[i+1][j] + a[i+2][j];
 87
                     if (j+1 < m) {
 88
                         int temp2 = temp + a[i+1][j+1];
 89
                         if (ans < temp2) ans = temp2;</pre>
 90
 91
                     if (j-1 >= 0) {
 92
 93
                         int temp2 = temp + a[i+1][j-1];
                         if (ans < temp2) ans = temp2;</pre>
 94
 95
 96
 97
            }
 98
        cout << ans << '\n';</pre>
 99
100
        return 0;
101 }
            결과
                                           메모리
                                                                            시간
                                                                                                           코드 길이
          맞았습니다!!
                                          2964 KB
                                                                           48 ms
                                                                                                           3693 B
```

9

Java 8

3

4

1 import java.util.*;

2 public class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

```
int n = sc.nextInt();
    5
              int m = sc.nextInt();
    6
              int[][] a = new int[n][m];
              for (int i=0; i<n; i++) {
    8
                   for (int j=0; j<m; j++) {
                       a[i][j] = sc.nextInt();
   10
                   }
   11
   12
   13
              int ans = 0;
              for (int i=0; i<n; i++) {
   14
                   for (int j=0; j<m; j++) {</pre>
   15
                       if (j+3 < m) {
   16
                           int temp = a[i][j] + a[i][j+1] + a[i][j+2] + a[i][j+3];
   17
                           if (ans < temp) ans = temp;</pre>
   18
   19
                       if (i+3 < n) {
   20
                           int temp = a[i][j] + a[i+1][j] + a[i+2][j] + a[i+3][j];
   21
                           if (ans < temp) ans = temp;</pre>
   22
   23
                       }
                       if (i+1 < n \&\& j+2 < m) {
   24
   25
                           int temp = a[i][j] + a[i+1][j] + a[i+1][j+1] + a[i+1][j+2];
                           if (ans < temp) ans = temp;</pre>
   26
   27
                       if (i+2 < n \&\& j+1 < m) {
   28
                           int temp = a[i][j] + a[i][j+1] + a[i+1][j] + a[i+2][j];
   29
                           if (ans < temp) ans = temp;</pre>
   30
   31
                       if (i+1 < n \&\& j+2 < m) {
   32
   33
                           int temp = a[i][j] + a[i][j+1] + a[i][j+2] + a[i+1][j+2];
                           if (ans < temp) ans = temp;</pre>
   34
                       }
   35
                       if (i+2 < n \&\& j-1 >= 0) {
   36
                           int temp = a[i][j] + a[i+1][j] + a[i+2][j] + a[i+2][j-1];
   37
                           if (ans < temp) ans = temp;</pre>
   38
   39
                       if (i-1 >= 0 \&\& j+2 < m) {
   40
                           int temp = a[i][j] + a[i][j+1] + a[i][j+2] + a[i-1][j+2];
   41
                           if (ans < temp) ans = temp;</pre>
   42
   43
                       if (i+2 < n \&\& j+1 < m)
   44
                           int temp = a[i][j] + a[i+1][j] + a[i+2][j] + a[i+2][j+1];
   45
                           if (ans < temp) ans = temp;</pre>
   46
   47
                       if (i+1 < n \&\& j+2 < m)
   48
                           int temp = a[i][j] + a[i][j+1] + a[i][j+2] + a[i+1][j];
   49
                           if (ans < temp) ans = temp;</pre>
   50
   51
                       if (i+2 < n &  j+1 < m) {
   52
                           int temp = a[i][j] + a[i][j+1] + a[i+1][j+1] + a[i+2][j+1];
   53
                              (ans < temp) ans ≠ temp;
   54
   55
                       if (i+1 < n \&\& j+1 < m) {
   56
                           int temp = a[i][j] + a[i][j+1] + a[i+1][j] + a[i+1][j+1];
   57
                           if (ans < temp) ans = temp;</pre>
   58
   59
                       if (i-1 >= 0 \&\& j+2 < m) {
   60
                           int temp = a[i][j] + a[i][j+1] + a[i-1][j+1] + a[i-1][j+2];
   61
                           if (ans < temp) ans = temp;</pre>
   62
   63
                       if (i+2 < n \&\& j+1 < m) {
   64
                           int temp = a[i][j] + a[i+1][j] + a[i+1][j+1] + a[i+2][j+1];
   65
                           f (ans < temp) ans = temp;
   66
   67
                       if (i+1 < n & (i+1 < m))  m) {
   68
                           int temp = a[i][j] + a[i][j+1] + a[i+1][j+1] + a[i+1][j+2];
   69
                              (ans < temp) and s = temp;
   70
                       }
   71
   72
                       int temp = a[i][j] + a[i+1][j] + a[i+1][j-1] + a[i+2][j-1];
   73
                           if (ans < temp) ans = temp;</pre>
   74
   75
                       if (j+2 < m) {
   76
                           int temp = a[i][j] + a[i][j+1] + a[i][j+2];
   77
                           if (i-1 >= 0) {
   78
                               int temp2 = temp + a[i-1][j+1];
   79
                               if (ans < temp2) ans = temp2;</pre>
   80
   81
                           if (i+1 < n) {
   82
                               int temp2 = temp + a[i+1][j+1];
   83
                               if (ans < temp2) ans = temp2;</pre>
   84
   85
   86
                       if (i+2 < n) {
   87
                           int temp = a[i][j] + a[i+1][j] + a[i+2][j];
   88
                           if (j+1 < m) {
   89
                               int temp2 = temp + a[i+1][j+1];
   90
                               if (ans < temp2) ans = temp2;</pre>
   91
   92
                           if (j-1 >= 0) {
   93
                               int temp2 = temp + a[i+1][j-1];
   94
                               if (ans < temp2) ans = temp2;</pre>
   95
   96
   97
   98
   99
              System.out.println(ans);
  100
  101
  102 }
                                                                             시간
              결과
                                             메모리
                                                                                                           코드 길이
            맞았습니다!!
                                           162344 KB
                                                                                                           4190 B
                                                                            956 ms
Python 3
   1 n,m = map(int,input().split())
   2 a = [list(map(int,input().split())) for _ in range(n)]
 \rightarrow ans = 0
   4 for i in range(n):
         for j in range(m):
   6
             if j+3 < m:
                  temp = a[i][j] + a[i][j+1] + a[i][j+2] + a[i][j+3]
   8
                     ans < temp: ans = temp</pre>
   9
  10
             if i+3 < n:
  11
                  temp = a[i][j] + a[i+1][j] + a[i+2][j] + a[i+3][j]
  12
                  if ar(s < temp: ans = temp</pre>
  13
             if i+1 < n and j+2 < m:
  14
  15
                 temp = a[i][j] + a[i+1][j] + a[i+1][j+1] + a[i+1][j+2]
                  if ans < temp: ans = temp</pre>
  16
 17
  18
             if i+2 < n and j+1 < m:
                 temp = a[i][j] + a[i][j+1] + a[i+1][j] + a[i+2][j]
  19
                  if ans < temp: ans = temp</pre>
             if i+1 < n and j+2 < m:
                 temp = a[i][j] + a[i][j+1] + a[i][j+2] + a[i+1][j+2]
                  if ans < temp: ans = temp</pre>
```

```
20
21
22
23
24
25
26
           if i+2 < n and j-1 >= 0;
                temp = a[i][j] + a[i+1][j] + a[i+2][j] + a[i+2][j-1]
27
                if ans < temp: ans = temp</pre>
28
29
30
           if i-1 >= 0 and j+2 < m:
               temp = a[1][j] + a[i][j+1] + a[i][j+2] + a[i-1][j+2]
31
                if ans ≠ temp: ans = temp
32
33
34
           if i+2 < r and j+1 < m:
               temp = a[i][j] + a[i+1][j] + a[i+2][j] + a[i+2][j+1]
35
36
                if ans < temp: ans = temp</pre>
37
38
           if i+1 < n and j+2 < m:
39
               temp = a[i][j] + a[i][j+1] + a[i][j+2] + a[i+1][j]
40
                if ans < temp: ans = temp</pre>
41
42
           if i+2 < n and j+1 < m:
               temp = a[i][j] + a[i][j+1] + a[i+1][j+1] + a[i+2][j+1]
43
44
                if ans < temp: ans = temp</pre>
45
46
           if i+1 < n and j+1 < m:
               temp = a[i][j] + a[i][j+1] + a[i+1][j] + a[i+1][j+1]
47
48
                if ans < temp: ans = temp</pre>
49
           if i-1 >= 0 and j+2 < m:
50
               temp = a[i][j] + a[i][j+1] + a[i-1][j+1] + a[i-1][j+2]
51
                if ans < temp: ans = temp</pre>
52
53
           if i+2 < n and j+1 < m:
54
55
               temp = a[i][j] + a[i+1][j] + a[i+1][j+1] + a[i+2][j+1]
56
               if ans < temp: ans = temp</pre>
57
           if i+1 < n and j+2 < m:
58
59
               temp = a[i][j] + a[i][j+1] + a[i+1][j+1] + a[i+1][j+2]
60
                if ans < temp: ans = temp</pre>
61
           if i+2 < n and j-1 >= 0:
62
               temp = a[i][j] + a[i+1][j] + a[i+1][j-1] + a[i+2][j-1]
63
64
                if ans < temp: ans = temp</pre>
65
66
           if j+2 < m:
               temp = a[i][j] + a[i][j+1] + a[i][j+2]
67
68
                if i-1 >= 0:
69
                    temp2 = temp + a[i-1][j+1]
70
                    if ans < temp2: ans = temp2</pre>
71
72
                if i+1 < n:
73
                    temp2 = temp + a[i+1][j+1]
74
                    if ans < temp2: ans = temp2</pre>
75
76
77
           if i+2 < n:
78
               temp = a[i][j] + a[i+1][j] + a[i+2][j]
79
               if j+1 < m:
80
                    temp2 = temp + a[i+1][j+1]
81
                    if ans < temp2: ans = temp2</pre>
82
83
                if j-1 >= 0:
84
                    temp2 = temp + a[i+1][j-1]
85
                    if ans < temp2: ans = temp2</pre>
86
87 print(ans)
88
```

메모리

34452 KB

시간

2272 ms

코드 길이

2940 B

결과

맞았습니다!!

(H) SHD

```
1 #include <iostream>
 2 using namespace std;
 3 int a[500][500];
 4 int block[19][3][2] = {
       \{\{0,1\}, \{0,2\}, \{0,3\}\},
        \{\{1,0\}, \{2,0\}, \{3,0\}\}\
       \{\{1,0\}, \{1,1\}, \{1,2\}\},\
 8
        \{\{0,1\}, \{1,0\}, \{2,0\}\},\
 9
        \{\{0,1\}, \{0,2\}, \{1,2\}\}
        \{\{1,0\}, \{2,0\}, \{2,-1\}\},\
10
11
        \{\{0,1\}, \{0,2\}, \{-1,2\}\},\
12
        \{\{1,0\}, \{2,0\}, \{2,1\}\},\
13
        \{\{0,1\},\{0,2\},\{1,0\}\},
14
        \{\{0,1\}, \{1,1\}, \{2,1\}\},\
        \{\{0,1\}, \{1,0\}, \{1,1\}\},\
15
16
        \{\{0,1\}, \{-1,1\}, \{-1,2\}\},\
17
        \{\{1,\emptyset\}, \{1,1\}, \{2,1\}\},\
18
        \{\{1,0\}, \{1,-1\}, \{2,-1\}\},\
19
        \{\{0,1\}, \{0,2\}, \{-1,1\}\},\
20
        \{\{0,1\}, \{0,2\}, \{1,1\}\},\
21
22
        \{\{1,0\}, \{2,0\}, \{1,1\}\},\
23
        \{\{1,0\}, \{2,0\}, \{1,-1\}\}
24 };
25 int main() {
26
        int n, m;
27
        cin >> n >> m;
        for (int i=0; i<n; i++) {</pre>
28
            for (int j=0; j<m; j++) {</pre>
                 cin >> a[i][j];
30
31
32
33
        int ans = 0;
                34
        for (int i=0; i<n; i++) {
            for (int j=0; j<m; j++) {-
35
36
                      bool ok = true;
37
                     int sum = a[i][j]
38
                     for (int l=0; l<3; l++) {
39
                          int x = iblock[k][l][0];
40
                          int y = (j+block[k][l][1];
41
                          if (0 \le x \& x \le n \& 0 \le y \& y \le m) {
42
43
                               sum + a[x][y];
44
                          } else {
45
                               ok = false;
46
                               break;
47
48
49
                     if (ok && ans < sum) {</pre>
50
                          ans = sum;
51
52
53
            }
54
```

시간

68 ms

코드 길이

1477 B

Java 8

55

56

57 }

cout << ans << '\n';</pre>

메모리

2964 KB

return 0;

결과

맞았습니다!!

1 import java.util.*;

C++14

```
2 public class Main {
          static int[][][] block = {
               \{\{0,1\}, \{0,2\}, \{0,3\}\},\
               \{\{1,0\}, \{2,0\}, \{3,0\}\},\
               \{\{1,0\}, \{1,1\}, \{1,2\}\},\
               \{\{0,1\}, \{1,0\}, \{2,0\}\},\
               \{\{0,1\}, \{0,2\}, \{1,2\}\},\
               \{\{1,0\}, \{2,0\}, \{2,-1\}\},\
   9
  10
               \{\{0,1\}, \{0,2\}, \{-1,2\}\},\
               \{\{1,0\}, \{2,0\}, \{2,1\}\},\
  11
  12
               \{\{0,1\}, \{0,2\}, \{1,0\}\},\
  13
               \{\{0,1\}, \{1,1\}, \{2,1\}\},\
               \{\{0,1\}, \{1,0\}, \{1,1\}\},\
  14
  15
               \{\{0,1\}, \{-1,1\}, \{-1,2\}\},\
  16
               \{\{1,0\}, \{1,1\}, \{2,1\}\},\
               \{\{0,1\}, \{1,1\}, \{1,2\}\},\
  17
               \{\{1,0\}, \{1,-1\}, \{2,-1\}\},\
  18
               \{\{0,1\}, \{0,2\}, \{-1,1\}\},\
  19
  20
               \{\{0,1\}, \{0,2\}, \{1,1\}\},\
  21
               \{\{1,0\}, \{2,0\}, \{1,1\}\},\
  22
               \{\{1,0\}, \{2,0\}, \{1,-1\}\},\
  23
          };
  24
          public static void main(String[] args) {
  25
               Scanner sc = new Scanner(System.in);
  26
               int n = sc.nextInt();
  27
               int m = sc.nextInt();
  28
               int[][] a = new int[n][m];
  29
               for (int i=0; i<n; i++) {
  30
                    for (int j=0; j<m; j++) {</pre>
                        a[i][j] = sc.nextInt();
  31
                    }
  32
               }
  33
  34
               int ans = 0;
  35
               for (int i=0; i<n; i++) {
  36
                    for (int j=0; j<m; j++) {
  37
                        for (int k=0; k<19; k++) {
  38
                             boolean ok = true;
  39
                             int sum = a[i][j];
  40
                             for (int l=0; l<3; l++) {
                                  int x = i+block[k][l][0];
  41
  42
                                  int y = j+block[k][l][1];
                                  if (0 \le x \&\& x \le n \&\& 0 \le y \&\& y \le m) {
  43
                                       sum += a[x][y];
  44
                                 } else {
  45
  46
                                      ok = false;
  47
                                      break;
  48
                                  }
  49
                             if (ok && ans < sum) {</pre>
  50
  51
                                  ans = sum;
  52
  53
                        }
  54
                    }
  55
  56
               System.out.println(ans);
  57
  58 }
                                                                                     시간
                                                  메모리
               결과
                                                                                                                       코드 길이
             맞았습니다!!
                                                                                    916 ms
                                                157440 KB
                                                                                                                       1804 B
Python 3
```

```
1 blocks = (
       ((0,1), (0,2), (0,3)),
       ((1,0), (2,0), (3,0)),
       ((1,0), (1,1), (1,2)),
       ((0,1), (1,0), (2,0)),
       ((0,1), (0,2), (1,2)),
       ((1,0), (2,0), (2,-1)),
       ((0,1), (0,2), (-1,2)),
       ((1,0), (2,0), (2,1)),
 9
       ((0,1), (0,2), (1,0)),
10
11
       ((0,1), (1,1), (2,1)),
12
       ((0,1), (1,0), (1,1)),
       ((0,1), (-1,1), (-1,2)),
13
14
       ((1,0), (1,1), (2,1)),
15
       ((0,1), (1,1), (1,2)),
16
       ((1,0), (1,-1), (2,-1)),
17
       ((0,1), (0,2), (-1,1)),
       ((0,1), (0,2), (1,1)),
18
       ((1,0), (2,0), (1,1)),
19
       ((1,0), (2,0), (1,-1)),
20
21)
22 n,m = map(int,input().split())
23 a = [list(map(int,input().split())) for _ in range(n)]
24 \text{ ans} = 0
25 for i in range(n):
       for j in range(m):
26
27
           for block in blocks:
28
                ok = True
29
                s = a[i][j]
30
                for dx, dy in block:
31
                    x, y = i+dx, j+dy
                    if 0 <= x < n \text{ and } 0 <= y < m:
32
33
                        s += a[x][y]
34
                    else:
35
                        ok = False
36
                        break
                if ok and ans < s:</pre>
37
                    ans = s
38
39 print(ans)
40
                                                                          시간
            결과
                                          메모리
                                                                                                        코드 길이
```

맞았습니다!! 5856 ms 1036 B 34460 KB

14500번 - 테트로미노 baekjoon

```
C++14
   1 #include <iostream>
   2 #include <algorithm>
   3 #include <vector>
   4 #include <string>
   5 using namespace std;

vector<vector<string>

blocks 

{
}

         {"10",
  10
          "10",
  11
          "11"},
  12
         {"10",
          "11",
          "01"},
         {"111",
          "010"}
  18 };
  19 vector<string> (mirror(vector<string> &b) {
         vector<string ans(b.size());</pre>
         for (int i=0; i<b.size(); i++) {</pre>
  21
  22
             string temp(b[i]);
             reverse(temp.begin(), temp.end());
  23
  24
             ans[i] = temp;
                                       95
  25
         return ans;
  27 }
  28 vector<string>(rotate)vector<string>(&b)
         vector<string> ans(b[0].size());
         for (int j=0; j<b[0].size(); j++) { 63</pre>
             for (int i=(int)b.size()-1; i>=0; i--) {
  31
                 ans([j) += b[i][j];
  32
  33
  34
  35
         return ans;
  36 }
  37 int calc(vector<vector<int>> &a, vector<string> &b, int x, int y) {
         int n = a.size();
  38
         int m = a[0].size();
  39
         int sum = 0;
  40
                                                               for (int i=0; i<b.size(); i++) {</pre>
  41
                                                                        (6,7)
  42
             for (int j=0; j<b[0].size(); j++) {</pre>
                 if (b[i][j] == '0') continue;
  43
  44
                 int nx = x+i;
  45
                 int ny = y+j;
                 if (0 \le nx \& nx < n \& 0 \le ny \& ny < m) {
  46
                      sum += a[nx][ny];
  47
                 } else {
  49
                      retu
  50
  51
  52
  53
         retur
  54 }
  55 int main() {
  56
         int n, m;
  57
         cin >> n >> m;
         vector<vector<int>> a(n, vector<int>(m));
  58
  59
         for (int i=0; i<n; i++) {</pre>
             for (int j=0; j<m; j++) {</pre>
  60
  61
                 cin >> a[i][j];
  62
  63
                                                    (7,3)
         int ans = 0;
  64
         for (int i=0; i<n; i++) {</pre>
  66
             for (int j=0; j≤m; j++) {
                  for (auto &block): blocks) {
  67
                      vector<string> b(block);
  68
                      for (int mir=0; mir(2) mir++) {
  69
                          for (int rot=0; rot(4) rot++) {
  70
  71
                              int cur = calc(a)(b)(i,
  72
                              if (cur != -1 && ans < cur) {
  73
                                  ans = cur;
  74
  75
                              b = rotate(b);
  76
  77
                          b = mirror(b);
  78
  79
  80
  81
  82
         cout << ans << '\n';</pre>
  83
         return 0;
```

Java 8

84 }

결과

맞았습니다!!

```
1 import java.util.*;
   2 import java.io.*;
   3 public class Main {
         static String[][] blocks = {
             {"1111"},
             {"11",
                 "11"},
             {"10",
                 "10",
                 "11"},
  10
  11
             {"10",
  12
                 "11",
                 "01"},
  13
             {"111",
 14
                 "010"}
 15
 16
         };
 17
         static String[] mirror(String[] b) {
             String[] ans = new String[b.length];
  18
             for (int i=0; i<b.length; i++) {</pre>
  19
                  ans[i] = new StringBuilder(b[i]).reverse().toString();
  20
 212223
             }
             return ans;
  24
         static String[] rotate(String[] b) {
             String[] ans = new String[b[0].length()];
  25
                                                                    (OKT(b1)
O(161)
  26
             for (int j=0; j<b[0].length(); j++) {</pre>
                 StringBuilder sb = new StringBuilder();
  27
                  for (int i=(int)b.length-1; i>=0; i--) {
  28
                      sb.append(b[i].charAt(j));
  29
  30
  31
                 ans[j] = sb.toString();
  32
  33
             return ans;
  34
  35
         static int calc(int[][] a, String[] b, int x, int y) {
  36
             int n = a.length;
  37
             int m = a[0].length;
  38
             int sum = 0;
             for (int i=0; i<b.length; i++) {</pre>
  39
                 for (int j=0; j<b[0].length(); j++) {</pre>
  40
                      if (b[i].charAt(j) == '0') continue;
  41
  42
                      int nx = x+i;
  43
                      int ny = y+j;
                      if (0 \le nx \& nx \le n \& \& 0 \le ny \& ny \le m) {
  44
  45
                          sum += a[nx][ny];
  46
                      } else {
                          return -1;
  47
  48
  49
             }
  50
  51
             return sum;
  52
         public static void main(String[] args) throws IOException {
  53
  54
             BufferedReader bf = new BufferedReader(new InputStreamReader(System.in));
             String[] line = bf.readLine().split(" ");
  55
             Scanner sc = new Scanner(System.in);
  56
  57
             int n = Integer.parseInt(line[0]);
  58
             int m = Integer.parseInt(line[1]);
  59
             int[][] a = new int[n][m];
             for (int i=0; i<n; i++) {</pre>
  60
                 line = bf.readLine().split(" ");
  61
                 for (int j=0; j<m; j++) {</pre>
  62
  63
                      a[i][j] = Integer.parseInt(line[j]);
                  }
  64
  65
             int ans = 0;
  66
             for (int i=0; i<n; i++) {
  67
                 for (int j=0; j<m; j++) {</pre>
  68
                      for (String[] block : blocks) {
  69
                          String[] b = new String[block.length];
  70
                          System.arraycopy(block, 0, b, 0, block.length);
 71
 72
                          for (int mir=0; mir<2; mir++) {</pre>
 73
                              for (int rot=0; rot<4; rot++) {</pre>
 74
                                  int cur = calc(a, b, i, j);
  75
                                  if (cur != -1 && ans < cur) {
  76
                                      ans = cur;
 77
  78
                                  b = rotate(b);
  79
                              b = mirror(b);
  80
  81
                          }
                      }
  82
  83
  84
  85
             System.out.println(ans);
  86
  87 }
              결과
                                            메모리
                                                                            시간
            맞았습니다!!
                                           373992 KB
                                                                           1832 ms
PyPy3
   1 blocks = (
         ("1111"),
         ("11",
          "11"),
         ("10",
```

메모리

2784 KB

772 ms

코드 길이

2042 B

코드 길이

2784 B

```
"10",
        "11"),
       ("10",
        "11",
        "01"),
10
       ("111",
11
12
        "010")
13)
14 def mirror(b):
15
       ans = []
       for i in range(len(b)):
16
           ans.append(b[i][::-1])
17
       return ans
18
19 def rotate(b):
       ans = ['']*len(b[0])
20
       for j in range(len(b[0])):
21
           for i in range(len(b)-1, -1, -1):
22
               ans[j] += b[i][j]
23
24
       return ans
25 def calc(a, b, x, y):
26
       n = len(a)
27
       m = len(a[0])
       s = 0
28
29
       for i in range(len(b)):
30
           for j in range(len(b[0])):
31
               if b[i][j] == '0':
32
                   continue
33
               nx,ny = x+i, y+j
34
               if 0 \le nx \le n and 0 \le ny \le m:
                   s += a[nx][ny]
35
36
               else:
37
                   return -1
38
       return s
39
40 n,m = map(int,input().split())
41 a = [list(map(int,input().split())) for _ in range(n)]
42 \text{ ans} = 0
43 for i in range(n):
44
       for j in range(m):
           for block in blocks:
45
46
               b = block[::]
               for mir in range(2):
47
                   for rot in range(4):
48
49
                        cur = calc(a, b, i, j)
                        if cur != -1 and ans < cur:
50
51
                            ans = cur
52
                        b = rotate(b)
                   b = mirror(b)
53
54 print(ans)
55
```

메모리

124456 KB

시간

4844 ms

코드 길이

1209 B

결과

맞았습니다!!

6064번 - 카잉 달력 baekjoon

C++14

```
1 #include <iostream>
 2 using namespace std;
 3 int main() {
       int t;
      cin >> t;
      while (t--) {
           int m, n, x, y;
           cin >> m >> n >> x >> y;
10
11
           bool ok = false;
                                                       (がり)
           for (int k=x) k<(n*m)
12
                                  k+=m) {
13
               if (k%n == y) {
14
                  cout << k+1 << '\n';
15
                   ok = true;
16
                   break;
17
18
19
           if (!ok) {
20
21
22
23
       return 0;
24 }
           결과
                                         메모리
                                                                       시간
                                                                                                    코드 길이
         맞았습니다!!
                                        1984 KB
                                                                      80 ms
                                                                                                    471 B
```

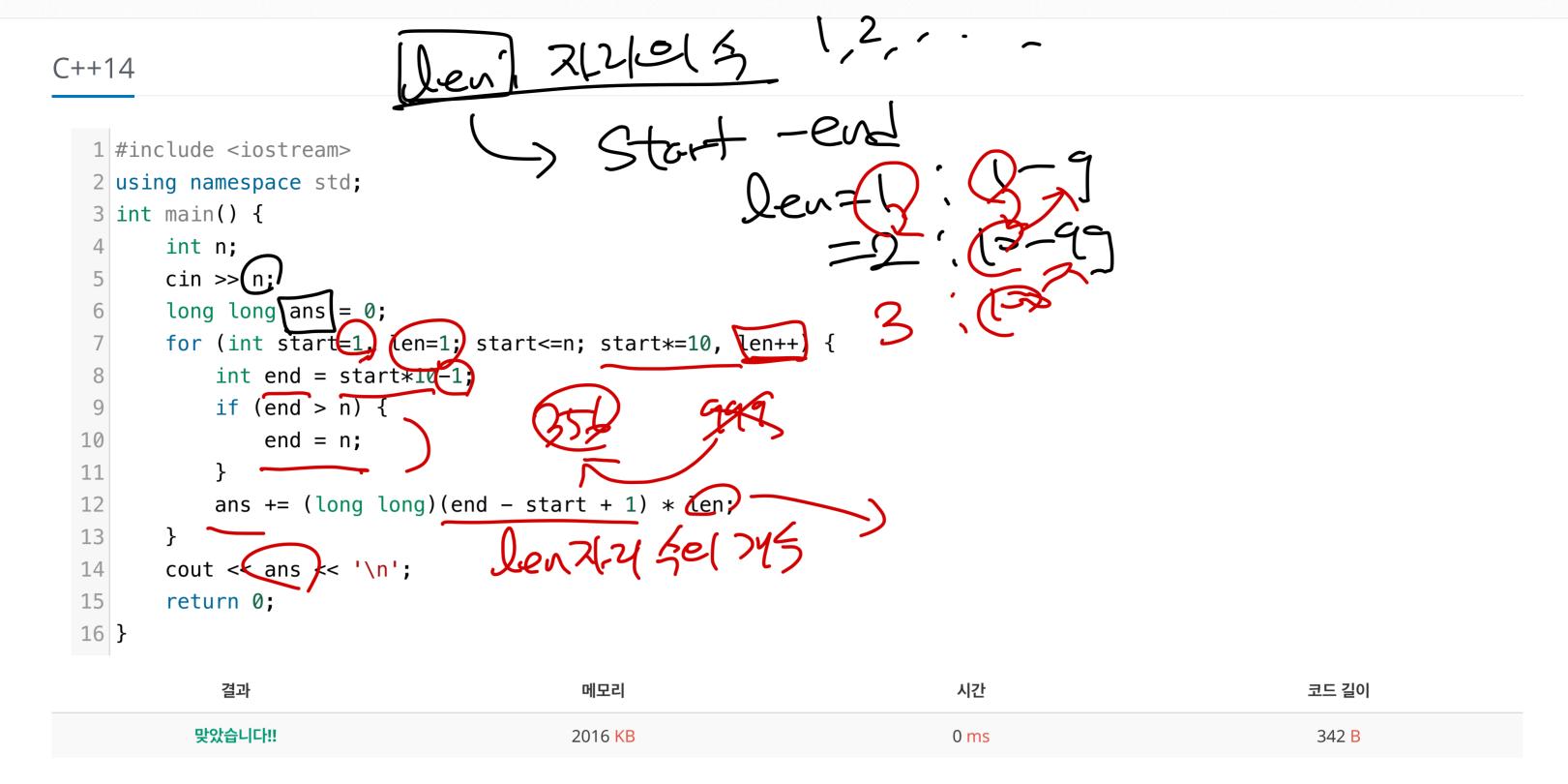
Java 8

```
1 import java.util.*;
 2 import java.io.*;
 3 public class Main {
       public static void main(String args[]) throws IOException {
           BufferedReader bf = new BufferedReader(new InputStreamReader(System.in));
 5
           int t = Integer.valueOf(bf.readLine());
 6
           while (t-- > 0) {
 8
               String[] line = bf.readLine().split(" ");
 9
               int m = Integer.valueOf(line[0]);
10
               int n = Integer.valueOf(line[1]);
11
               int x = Integer.valueOf(line[2])-1;
12
               int y = Integer.valueOf(line[3])-1;
13
               boolean ok = false;
              for (int k=x; k<(n*m); k+=m) {
14
                   if (k%n == y) {
15
16
                       System.out.println(k+1);
17
                       ok = true;
18
                       break;
19
20
21
               if (!ok) {
22
                   System.out.println(-1);
23
24
25
26 }
27
           결과
                                         메모리
                                                                       시간
                                                                                                    코드 길이
         맞았습니다!!
                                        15488 KB
                                                                      232 ms
                                                                                                     857 B
```

PyPy3

```
1 t = int(input())
 2 for _ in range(t):
       m,n,x,y = map(int,input().split())
       x -= 1
       y -= 1
       k = x
       while k < n*m:</pre>
           if k%n == y:
 9
                print(k+1)
10
                break
11
           k += m
12
       else:
13
           print(-1)
14
15
            결과
                                                                           시간
                                                                                                         코드 길이
                                           메모리
          맞았습니다!!
                                         120384 KB
                                                                          404 ms
                                                                                                          232 B
```

1748번 - 수 이어 쓰기 1 baekjoon



Java 8

```
1 import java.util.*;
2 public class Main {
      public static void main(String args[]) {
          Scanner sc = new Scanner(System.in);
          int n = sc.nextInt();
          long ans = 0;
          for (int start=1, len=1; start<=n; start*=10, len++) {</pre>
              int end = start*10-1;
              if (end > n) {
                  end = n;
              }
              ans += (long)(end - start + 1) * len;
          System.out.println(ans);
                                                                         시간
           결과
                                         메모리
                                                                                                      코드 길이
        맞았습니다!!
                                                                       108 ms
                                                                                                       445 B
                                        12812 KB
```

Python 3

```
1 n = int(input())
2 \text{ ans} = 0
3 \text{ start} = 1
4 length = 1
5 while start <= n:</pre>
      end = start*10-1
      if end > n:
           end = n
      ans += (end-start+1)*length
      start *= 10
      length += 1
 print(ans)
           결과
                                                                                시간
                                             메모리
                                                                                                                 코드 길이
         맞았습니다!!
                                            28776 KB
                                                                               60 ms
                                                                                                                  192 B
```



코드플러스

https://code.plus

- 슬라이드에 포함된 소스 코드를 보려면 "정보 수정 > 백준 온라인 저지 연동"을 통해 연동한 다음, "백준 온라인 저지"에 로그인해야 합니다.
- 강의 내용에 대한 질문은 코드 플러스의 "질문 게시판"에서 할 수 있습니다.
- 문제와 소스 코드는 슬라이드에 첨부된 링크를 통해서 볼 수 있으며, "백준 온라인 저지"에서 서비스됩니다.
- 슬라이드와 동영상 강의는 코드 플러스 사이트를 통해서만 볼 수 있으며, 동영상 강의의 녹화와 다운로드, 배포와 유통은 저작권법에 의해서 금지되어 있습니다.
- 다른 경로로 이 슬라이드나 동영상 강의를 본 경우에는 codeplus@startlink.io 로 이메일 보내주세요.
- 강의 내용, 동영상 강의, 슬라이드, 첨부되어 있는 소스 코드의 저작권은 스타트링크와 최백준에게 있습니다.