

```

(A) int counter = 0;
for (int i = 0; i < 10; i++) → { 0 < 10 0++
                                1 < 10 1++
                                2 < 10 2++
                                ... k < n }
{ int j = 0; → { 0
                1
                2 ... k < n
while (j++ < 10) → { 0++ < 10
                    1++ < 10
                    2++ < 10 ... k < n
    { if (j > i) break; → { 0 > 0
                          1 > 1
                          2 > 2 ... k < n
    if (j == i) → { 0 == 0
                  1 == 1
                  2 == 2 ... k < n
    { counter++; → { C = 1
                   C = 2
                   C = 3 ... k < n
      continue;
    }
}
}
}
}

```

cout << counter; → 9 An: Θα τυπώσει το 9 στην έξοδο

```

(B) int i, r = 1, k = 3;
for (i = 10; i > 7; i--)
    r += r * k;
cout << r;

```

{ 10 > 7, 10--
 9 > 7, 9--
 8 > 7, 8--

r = r + r * k = 4
 r = r + r * k = 16
 r = r + r * k = 64

→ 64 An: Ζωνώνει 64

```

(A) int i = 4;
double f = 4.3, g = 1.8;
int c = 0;
if (i == f) → 4 = 4.3
    c++;
if (static_cast<int>(f + g) ==
    (= static_cast<int>(f) +
    + static_cast<int>(g)))
    c += 2; → 4 = 4.3
cout << c;

```

0

An: Είχε κινδύνο

```

(G) int count;
for (count = 1; count <= 10; count++)
{ if (count == 5)
    continue;
  cout << count;
}
cout << "end!";

```

{ 1 = 5
 2 = 5
 3 = 5
 4 = 5
 5 = 5

{ 1 <= 10, 1++
 2 <= 10, 2++
 3 <= 10, 3++
 4 <= 10, 4++
 5 <= 10, 5++

{ 1
 2
 3
 4
 5
 6
 7
 8
 9
 10

An: Ζωνώνει: 1, 2, 3, 4, 6, 7, 8, 9, 10