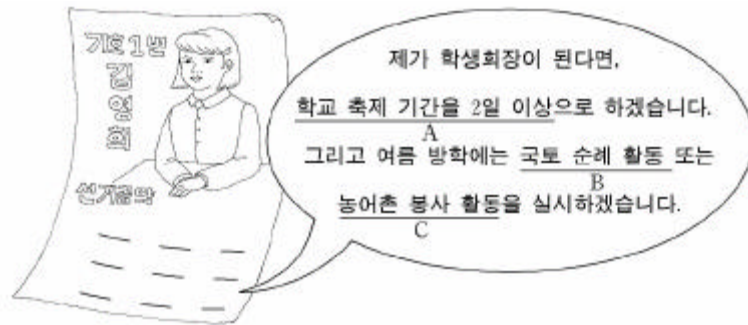


6.



?

	C 언어	비주얼 베이직 언어
①	A && B && C	A And B And C
②	A && (B C)	A And (B Or C)
③	A (B && C)	A Or (B And C)
④	A B C	A Or B Or C
⑤	A && B C	A And B Or C

7.

n

(1)	n	가
(2)	n	가
(3)	n	가
(4)	(1)	

A 35

? [3]

	A(0)	A(1)	A(2)	A(3)	A(4)	A(5)	A(6)
A	11	15	17	21	29	35	41

2 3 5 6 7

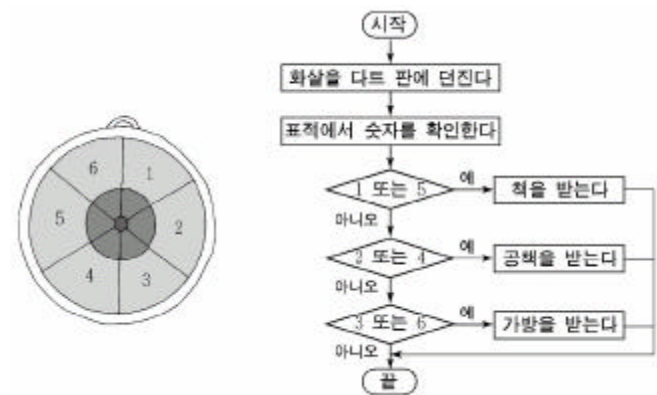
8.

? [3]

C 언어	비주얼 베이직 언어
<pre>#include <stdio.h> void main(){ int x[] = {10,20,20,30,30,30}; int su[6]; int a, cnt = 0; su[0] = x[0]; for(a = 1; a <= 5; a++) if(x[a] != x[a-1]) { cnt = cnt + 1; su[cnt] = x[a]; } for(a = 0; a <= cnt; a++) printf("%d ", su[a]); }</pre>	<pre>Private Sub Form_Activate() Dim x() As Variant Dim a, cnt, su(5) As Integer x() = Array(10,20,20,30,30,30) su(0) = x(0) For a = 1 To 5 If x(a) <> x(a-1) Then cnt = cnt + 1 su(cnt) = x(a) End If Next a For a = 0 To cnt Print su(a); Next a End Sub</pre>

60 140 10 20 30
30 20 10 30 30 30 20 20 10

9.



?

	C	
	for	For
	while	While
	scanf	InputBox
	do while	Do
	switch	Select

10.

?

C 언어	$b * b - 4 * a * c > 0 \&\& a \neq 0$
비주얼 베이직 언어	$b * b - 4 * a * c > 0 \text{ And } a \neq 0$

가 - - 가 - - - 가 -
- - 가 - - 가

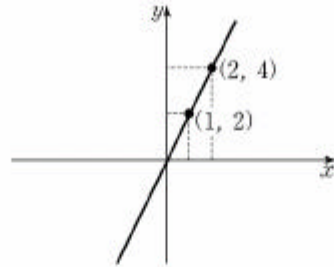
11. 1 10 (sum)

? [3]

	C 언어	비주얼 베이직 언어
ㄱ	<pre>k = 0; sum = 0; while(k < 10){ sum = sum + k; k = k + 1; }</pre>	<pre>k = 0: sum = 0 Do While k < 10 sum = sum + k: k = k + 1 Loop</pre>
ㄴ	<pre>k = 1; sum = 0; while(k <= 10){ sum = sum + k; k = k + 1; }</pre>	<pre>k = 1: sum = 0 Do While k <= 10 sum = sum + k: k = k + 1 Loop</pre>
ㄷ	<pre>k = 0; sum = 0; while(k <= 10){ k = k + 1; sum = sum + k; }</pre>	<pre>k = 0: sum = 0 Do While k <= 10 k = k + 1: sum = sum + k Loop</pre>
ㄹ	<pre>k = 1; sum = 1; while(k < 10){ k = k + 1; sum = sum + k; }</pre>	<pre>k = 1: sum = 1 Do While k < 10 k = k + 1: sum = sum + k Loop</pre>

ㄱ, ㄷ ㄱ, ㄹ ㄴ, ㄷ ㄴ, ㄹ ㄷ, ㄹ

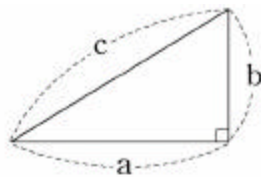
12. $y = 2x$. (x, y) _____ ?(,
x, y)



C 언어	비주얼 베이직 언어
<pre>#include <stdio.h> void main(){ int x, y; printf("x 좌표:"); scanf("%d", &x); printf("y 좌표:"); scanf("%d", &y); if(y == 2 * x) printf("Yes\n"); else printf("No\n"); }</pre>	<pre>Private Sub Form_Activate() Dim x, y As Integer x = InputBox("x 좌표:") y = InputBox("y 좌표:") If y = 2 * x Then Print "Yes" Else Print "No" End If End Sub</pre>

(-2, -4) 'No'가
'Yes'가

13. a, b c
(가)
?(, $c = \sqrt{a^2 + b^2}$) [3]



C 언어	<pre>double su(double m, double n){ double ss; ss = (가); return sqrt(ss); }</pre>
비주얼 베이직 언어	<pre>Private Function su(m As Double, n As Double) Dim ss As Double ss = (가) su = Sqr(ss) End Function</pre>

	C 언어		비주얼 베이직 언어	
	호출문	(가)	호출문	(가)
①	$c = su();$	$m + n$	$c = su();$	$m + n$
②	$c = su();$	$m * m + n * n$	$c = su();$	$m * m + n * n$
③	$c = su(a, b);$	$m + n$	$c = su(a, b);$	$m + n$
④	$c = su(a, b);$	$m * n$	$c = su(a, b);$	$m * n$
⑤	$c = su(a, b);$	$m * m + n * n$	$c = su(a, b);$	$m * m + n * n$

14. 2
(가) ()
? [3]

1	2	3	9	8	7	10	10	10
4	5	6	6	5	4	10	10	10
7	8	9	3	2	1	10	10	10

C 언어	비주얼 베이직 언어
<pre>#include <stdio.h> void main(){ int x[3][3], y[3][3], z[3][3]; int a, b, cnt; cnt = 1; for(a = 0; a <= 2; a++) for(b = 0; b <= 2; b++) { x[a][b] = cnt; y[a][b] = (가); cnt = cnt + 1; } for(a = 0; a <= 2; a++) for(b = 0; b <= 2; b++) z[a][b] = (나); }</pre>	<pre>Private Sub Form_Activate() Dim x(2, 2), y(2, 2), z(2, 2) As Integer Dim a, b, cnt As Integer cnt = 1 For a = 0 To 2 For b = 0 To 2 x(a, b) = cnt y(a, b) = (가) cnt = cnt + 1 Next b Next a For a = 0 To 2 For b = 0 To 2 z(a, b) = (나) Next b Next a End Sub</pre>

	C 언어		비주얼 베이직 언어	
	(가)	(나)	(가)	(나)
①	cnt	$x[a][b] + y[a][b]$	cnt	$x(a, b) + y(a, b)$
②	$cnt - 10$	$x[a][b] + y[a][b]$	$cnt - 10$	$x(a, b) + y(a, b)$
③	$cnt - 10$	$x[a][b] + y[b][a]$	$cnt - 10$	$x(a, b) + y(b, a)$
④	$10 - cnt$	$x[a][b] + y[a][b]$	$10 - cnt$	$x(a, b) + y(a, b)$
⑤	$10 - cnt$	$x[a][b] + y[b][a]$	$10 - cnt$	$x(a, b) + y(b, a)$

15. ? [3]

C 언어	비주얼 베이직 언어
<pre>#include <stdio.h> void main(){ char mun[] = "hello"; int cnt, a, b, top = 0; for(a = 0; a <= 4; a++) { cnt = 0; for(b = a; b <= 4; b++) { if(mun[b] == mun[a]) cnt = cnt + 1; } if(cnt > top) top = cnt; } printf("%d\n", top); }</pre>	<pre>Private Sub Form_Activate() Dim mun() As Variant Dim cnt, a, b, top As Integer mun() = Array("h", "e", "l", "l", "o") For a = 0 To 4 cnt = 0 For b = a To 4 If mun(b) = mun(a) Then cnt = cnt + 1 End If Next b If cnt > top Then top = cnt End If Next a Print top End Sub</pre>

1 2 3 4 5

16.

?

z

C 언어	비주얼 베이직 언어
<pre>#include <stdio.h> void main(){ int x[] = {2,4,8,10,11}; int y[] = {1,5,9,11,12}; int a, z[5]; for(a = 0; a <= 4; a++) { if(x[a] > y[a]) z[a] = x[a]; else z[a] = y[a]; } }</pre>	<pre>Private Sub Form_Activate() Dim x(), y() As Variant Dim a, z(4) As Integer x() = Array(2,4,8,10,11) y() = Array(1,5,9,11,12) For a = 0 To 4 If x(a) > y(a) Then z(a) = x(a) Else z(a) = y(a) End If Next a End Sub</pre>

x
x y
x y
x y
x y

17.

? [3]

90

cnt

C 언어	비주얼 베이직 언어
<pre>#include <stdio.h> void main(){ int a, cnt, num; int su[]={78, 65, 98, 90, 87, 90}; printf("입력:"); scanf("%d", &num); cnt = 1; for(a = 0; a <= 5; a++) if(su[a] > num) cnt = cnt + 1; printf("%d\n", cnt); }</pre>	<pre>Private Sub Form_Activate() Dim a, cnt, num As Integer Dim su() As Variant su() = Array(78, 65, 98, 90, 87, 90) num = InputBox("입력:") cnt = 1 For a = 0 To 5 If su(a) > num Then cnt = cnt + 1 End If Next a Print cnt End Sub</pre>

1 2 4 6 10

18.

(가)

?

〈예〉 450 → 7시간 30분

C 언어	비주얼 베이직 언어
<pre>#include <stdio.h> void main(){ int h, m, t; printf("입력:"); scanf("%d", &t); h = t / 60; (가); printf("%d시간 %d분\n", h, m); }</pre>	<pre>Private Sub Form_Activate() Dim h, m, t As Integer t = InputBox("입력:") h = t \ 60 (가) Print h; "시간"; m; "분" End Sub</pre>

m = h * 60 m = t + h * 60
m = t - h * 60 m = t * 60 + h
m = h * 60 - t

19.

(가)

()

? [3]

□

* * * * *
* * * * *
* * * * *
* * * * *

(가)



* *
* * *
* * * *
* * * * *

(나)

C 언어	비주얼 베이직 언어
<pre>#include <stdio.h> void main(){ int a, b; for(a = 0; a <= 4; a++) { for(b = 0; b <= 4; b++) printf(" * "); printf("\n"); } }</pre>	<pre>Private Sub Form_Activate() Dim a, b As Integer For a = 0 To 4 For b = 0 To 4 Print " * "; Next b Print Next a End Sub</pre>

	C 언어	비주얼 베이직 언어
①	for(b = 0; b <= a; b++)	For b = 0 To a
②	for(b = 0; b <= 1; b++)	For b = 0 To 1
③	for(b = 0; b <= a - 1; b++)	For b = 0 To a - 1
④	for(b = 0; b <= a + 1; b++)	For b = 0 To a + 1
⑤	for(b = 0; b <= a * a; b++)	For b = 0 To a * a

20.

? [3]

C 언어	비주얼 베이직 언어
<pre>#include <stdio.h> void main(){ int cnt = 0, pw, su; pw = 2004; /* pw는 암호 */ while(cnt < 3){ printf("입력:"); scanf("%d", &su); if(su == pw) printf("OK\n"); else { cnt = cnt + 1; if(cnt >= 3) printf("중지\n"); else printf("다시 입력\n"); } } }</pre>	<pre>Private Sub Form_Activate() Dim cnt, pw, su As Integer cnt = 0 pw = 2004 'pw는 암호 Do While cnt < 3 su = InputBox("입력:") If su = pw Then Print "OK" Else cnt = cnt + 1 If cnt >= 3 Then Print "중지" Else Print "다시 입력" End If End If Loop End Sub</pre>

가

가 1

가 3

3

'OK'

*

○

()