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[III. - ()]

A. if , if-else , if

1. 1- if_ex01.c

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```
#include <stdio.h>

int main() {
    int A, B;
    printf(" A :");
    scanf("%d", &A);
    printf(" B :");
    scanf("%d", &B);

    if (A % B == 0) {
        printf(" B A .");
    }
    return 0;
}
```

A : 12
B : 6
B A .

2. 2- if_ex02.c

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```
#include <stdio.h>

int main() {
    int a,b,c,d;
```

4 : 83 45 62 35
: 83

: :

```
printf("4      : ");
scanf("%d %d %d %d", &a, &b, &
c, &d);

if (a > b && a > c && a > d) {
    printf("      : %d", a);
}
else if (b > a && b > c && b >
d) {
    printf("      : %d", b);
}
else if (c > a && c > b && c >
d) {
    printf("      : %d", c);
}
else {
    printf("      : %d", d);
}
}
```

3. 3- if_ex03.c

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```
#include <stdio.h>

int main() {
    int a,b,c;

    printf("3      : ");
    scanf("%d %d %d", &a, &b, &c);

    if (a == b && b == c) {
```

```
3      : 12 6 12
3      : 2
```

:

```
printf(" 3 : 3");
}
else if (a == b || a == c || b == c) {
printf(" 3 : 2");
}
else {
printf(" 3 : 0");
}
}
```

4. 4- if_ex04.c

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```
#include <stdio.h>

int main() {
int a,b;

printf(" 2 : ");
scanf("%d %d", &a, &b);

if (a % 2 == 0 && b % 2 == 0) {
printf(" : 2 \n");
printf(" : 0 ");
}
else if (a % 2 == 0 || b % 2 == 0) {
printf(" : 1 \n");
printf(" : 1 ");
}
else {
```

```
// 2 : 7 2
:1
:1
```

: :

```
printf("      : 0 \n");  
printf("      : 2 ");  
}  
} //
```

5. 5- if_ex05.c

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```
#include <stdio.h>  
  
int main() {  
    int a,b,c;  
  
    printf("      : ");  
    scanf("%d %d %d", &a, &b, &c);  
  
    if (a + b > c && a + c > b && b  
+ c > a) {  
        printf("      : yes");  
    }  
    else {  
        printf("      : no");  
    }  
}
```

: 2 3 5
: no

6. 6- if_ex06.c

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```
#include <stdio.h>
```

2
A: 45

: :

<pre>int main() { int a,b; printf(" 2 \n"); printf(" A: "); scanf("%d", &a); printf(" B: "); scanf("%d", &b); if (a > b) { printf(" A B ."); } else if (a == b){ printf(" A B ."); } else { printf(" B A ."); } }</pre>	<pre>B: 15 A B .</pre>
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7. 7- if_ex07.c

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<pre>#include <stdio.h> int main() { int pw; printf(" : "); scanf("%d", &pw); if (pw == 1234) { printf(" ."); } else { printf(" ."); } }</pre>	<pre>: 1234 .</pre>

B. switch-case

8. 8- if_switch_ex08.c

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<pre>#include <stdio.h> int main() { int month; printf(" (Month) : "); scanf("%d", &month); switch (month) { case 1: case 3: case 5: case 7: case 8: case 10: case 12: printf("%d 31 ", month); break; case 4: case 6: case 9: case 11: printf("%d 30 ", month); break; case 2: printf("%d 28 ", month); break; default: printf(" :"); break; } }</pre>	<pre>(Month) : 5 5 31</pre>

9. 9- if_switch_ex09.c

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<pre>#include <stdio.h> int main() { int year, month, days; printf("< >\n"); printf(" (year) : "); scanf("%d", &year); printf(" (Month) : "); scanf("%d", &month); int isLeap = (year % 4 == 0 && year % 100 != 0) (year % 400 == 0); switch (month) { case 1: case 3: case 5: case 7: case 8: case 10: case 12: days = 31; break; case 4: case 6: case 9: case 11: days = 30; break; case 2: days = isLeap ? 29 : 28; break; default: printf(" . (1~12)\n"); return 1; } printf("%d %d %d .\n", year, month, days); return 0; }</pre>	<pre>< > (year) : 2024 (Month) : 2 2024 2 29</pre>
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10. 10- if_switch_ex10.c

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<pre>#include <stdio.h> int main() { int a,b; char operator; printf("< >\n"); printf(" 2 : "); scanf("%d %d", &a, &b); printf(" (+, -, *, /) : "); scanf(" %c", &operator); printf("%d %c %d .\n", a, operator, b); printf(" : "); switch (operator) { case '+': printf("%d", a + b); break; case '-': printf("%d", a - b); break; case '*': printf("%d", a * b); break; case '/': printf("%.1f", a / (double)b); break; default: printf(" .\n"); break; } }</pre>	<pre>< > 2 : 7 5 (+, -, *, /) : / 7 / 5 . : 1.4</pre>
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PC05-04(10104_남현석)_04

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🔍 미리 보기

이름	수정한 날짜	유형	크기
📄 playground00.c	2026-04-09 오후 2:16	C Source	1KB
📄 playground00.exe	2026-04-09 오후 2:16	응용 프로그램	54KB
📄 playground01.c	2026-04-09 오후 2:16	C Source	1KB
📄 playground01.exe	2026-04-09 오후 2:16	응용 프로그램	54KB