

[ ]

```

1.      if
      • if (XXX) {AAA} else if (YYY) {BBB} else {CCC}
2.
      • fopen      fclose      fscanf
    
```

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## 4.7&4.8

```

1. /* ex0407.c if */
2. /*      xxxxxxx */
3. /*      2004/06/23 */
4. #include <stdio.h>
5.
6. int main()      $ ex0407
7. {              a b
8.     int a,b;    a( 5) b( 4)
9.
10.    printf("a b      à ")
11.    scanf("%d %d",&a,&b);
12.    if(a>b){
13.        printf("a(%5d) b(%5d)      \n",a,b);
14.    } else {
15.        printf("a(%5d) b(%5d)      \n",a,b);
16.    }
17.    return 0;
18. }
    
```

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a	70	h='A' (^_^)Y
a	60	70 h='B' (^_^)
a	50	60 h='C' (':;)
a	50	h='D' (':;)

```

int a;
char h;
.....
.....
if(a>=70){
    h='A';
} else if(a>=60){
    h='B';
} else if(a>=50){
    h='C';
} else {
    h='D';
}
    
```

## Try 課題4.9

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## if

```

if( ) {
;
} else {
;
}
    
```

```

/* 2 */
int a;

if(a){
/* a */
; /* */
} else {
/* a */
; /* */
}
    
```

- <, >, <=, >=, ==, !=
- 0
- 0

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a

Y

$$\begin{aligned}
 & \left| \frac{1}{20} \left( \frac{1}{k^2} - \frac{\phi^2}{6} - \frac{1}{k^2} \right) \right| S_n \\
 & \left| \frac{1}{40} \left( \frac{1}{k^4} - \frac{\phi^4}{90} - \frac{1}{k^4} \right) \right| S_n
 \end{aligned}$$

ex0301.c

$$S_n \mid 122232423 \quad 2n \mid \frac{n}{k^2}$$

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```

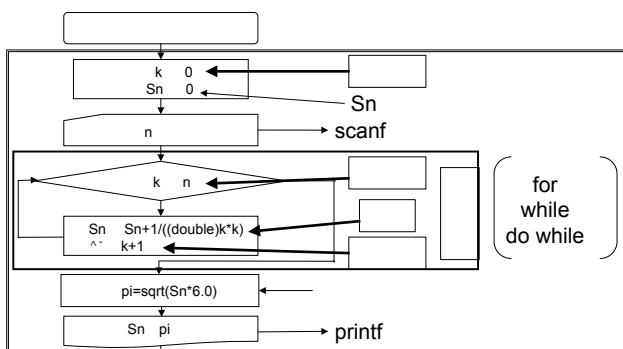
/* a      ex0411.c */
/*      xxxxxx */
/*      2004/06/23 */
#include <stdio.h>
#include <math.h>

int main()
{
;

return 0;
}
    
```

課題4.11は  
7/6までのレポート!

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## 2.

```

fopen
fscanf
fclose
    
```

```

fopen
fprintf
fclose
    
```

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### fopen

```
FILE *fin; /*  
fin=fopen("xxxxx.dat","r");  
/*  
xxxxx↑dat  
OpM  
*/  
r  
w  
a
```

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### fopen

```
fin=fopen("data","r");  
data  
fin "NULL"  
if (fin==NULL) {  
printf(" ");  
exit(1);  
}  
exit
```

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### fscanf

```
scanf  
fscanf( , , )  
cf. scanf( , )  
fin=fopen("data","r");  
if (fin==NULL) {  
printf(" %n");  
exit(1);  
}  
fscanf(fin,"%d %s %d %d %lf", &a, s, &b, &c, &x);  
%s  
%s
```

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### fclose

```
fclose( );  
FILE *fin,*fout;  
.....  
.....  
fclose(fin);  
fclose(fout);  
fopen fclose
```

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Try 課題5.1&5.2