

# Control - Errors

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- 1 C02.Repeat
  - 1.Control - Errors

# Ex1

```
#include <stdio.h>

int main(void) {

    int    a = 40;

    if (a > 40) printf("a > 40 \n");
    else      printf("a <= 40 \n");

    if (a > 40) printf("a > 40 \n");
    else      ;
                                gcc -Wall t.c
                                ./a.out
                                a <= 40
                                a >= 20
                                a <= 40

    if (a < 20) ;
    else      printf("a >= 20 \n");

    if (a > 40) ;
    else      ;

    if (((((a > 40)))) printf("a > 40 \n");
    else      printf("a <= 40 \n");

}
```

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

```
int main(void) {
```

```
    int    a = 40;
```

```
    if a > 40 printf("a > 40 \n");
```

```
    else      printf("a <= 40 \n");
```

```
}
```

```
gcc -Wall t.c
```

```
t.c: In function 'main':
```

```
t.c:8:6: error: expected '(' before 'a'
```

```
    if a > 40 printf("a > 40 \n");
```

```
        ^
```

```
t.c:8:6: warning: statement with no effect [-
```

# Ex3

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

```
int main(void) {
```

```
    int    a = 40;
```

```
    if (a > 40) printf("a > 40 \n");  
    else        printf("a <= 40 \n");
```

```
    if (a > 20)  
    if (a > 30)  
    if (a > 40) printf("a > 40 \n");
```

```
    if (a > 40) printf("a > 40 \n");  
    else        printf("a <= 40 \n");  
    else        ;
```

```
}
```

```
gcc -Wall t.c
```

```
t.c: In function 'main':
```

```
t.c:18:3: error: 'else' without a previous 'if'
```

```
    else        ;
```

```
    ^
```