

Range check 範圍檢查:

int age;	1-100
int score;	0-100
int month;	1-12
char sex;	'M' or 'F'
char house;	'L','M','C','S'
char ans;	'y' or 'n'

```
/* 1a */
do{
    printf ("Q: age(1-100)? ");
    scanf

    if(...) printf ("Error\n");
}while ( );
```

```

/* 1b */
do{
    printf ("Q: age(1-100)? ");
    scanf ("%d", &age);

    if (
        )
        printf("Error\n");

}while ( !
        );

```

```

/* 1c */
while ( _____ ){
    printf ("Q: age(1-100)? ");
    scanf ("%d", &age);

    if ( ! _____ )
        printf("Error\n");
}

```

```

/* 2a */
do{
    printf ("Q: are you hungry<y/n>? ");
    scanf ("%c", &ans);
    ans = _____(ans);
}while ( _____ );

```

```

/* 2b */
do{
    printf ("Q: are you hungry<y/n>? ");
    scanf ("%c", &ans);

    if (!(ans_____ans _____))
        printf ("Error\n");
}while ( ! _____ );

```

```
/* 3a */
```

```
do{
```

```
    printf ("Q: month (1-12)? ");
```

```
    scanf ("%d", &mm);
```

```
    printf ("Q: day (1-31)? ");
```

```
    scanf ("%d", &dd);
```

```
    if(mm==_) max = 28;
```

```
    else if(_____)
```

```
        max = 30;
```

```
    else max = ____
```

```
    if (!(mm>=1 && mm<=12 && dd>=1 && dd<= _____))
```

```
        printf ("Error - out of range!\n");
```

```
}while (mm < 1 || mm > 12 || dd < 1 || dd > 31);
```

```
switch (      ) {  
    case 2:  
    case 4:  
    case 6:  
    case 9:  
    case 11:  
    default:  
}
```