

```
1  #include <stdio.h>
2
3  int main(void)
4  {
5      //variable declarations
6      int a;
7      int b;
8      int result;
9
10     //code
11     printf("\n\n");
12     printf("Enter One Integer : ");
13     scanf("%d", &a);
14
15     printf("\n\n");
16     printf("Enter Another Integer : ");
17     scanf("%d", &b);
18
19     printf("\n\n");
20     printf("If Answer = 0, It Is 'FALSE'.\n");
21     printf("If Answer = 1, It Is 'TRUE'.\n\n");
22
23     result = (a < b);
24     printf("(a < b) A = %d Is Less Than B = %d          \t Answer = %d\n",    ➤
25           a, b, result);
26
27     result = (a > b);
28     printf("(a > b) A = %d Is Greater Than B = %d          \t Answer = %d\n",    ➤
29           a, b, result);
30
31     result = (a <= b);
32     printf("(a <= b) A = %d Is Less Than Or Equal To B = %d          \t Answer = %d\n",    ➤
33           a, b, result);
34
35     result = (a >= b);
36     printf("(a >= b) A = %d Is Greater Than Or Equal To B = %d \t Answer = %d\n",    ➤
37           a, b, result);
38
39     result = (a == b);
40     printf("(a == b) A = %d Is Equal To B = %d          \t Answer = %d\n",    ➤
41           a, b, result);
42
43     result = (a != b);
44     printf("(a != b) A = %d Is NOT Equal To B = %d          \t Answer = %d\n",    ➤
45           a, b, result);
46
47     return(0);
48 }
```

