

```
1 #include <stdio.h>
2
3 #define MAX_NUMBER(a, b) ((a > b) ? a : b)
4
5 int main(int argc, char *argv[], char *envp[])
6 {
7     // variable declarations
8     int iNum_01;
9     int iNum_02;
10    int iResult;
11
12    float fNum_01;
13    float fNum_02;
14    float fResult;
15
16    // code
17    // ***** COMPARING INTEGER VALUES *****
18    printf("\n\n");
19    printf("Enter An Integer Number : \n\n");
20    scanf("%d", &iNum_01);
21
22    printf("\n\n");
23    printf("Enter Another Integer Number : \n\n");
24    scanf("%d", &iNum_02);
25
26    iResult = MAX_NUMBER(iNum_01, iNum_02);
27    printf("\n\n");
28    printf("Result Of Macro Function MAX_NUMBER() = %d\n", iResult);
29
30    printf("\n\n");
31
32    // ***** COMPARING FLOATING-POINT VALUES *****
33    printf("\n\n");
34    printf("Enter A Floating Point Number : \n\n");
35    scanf("%f", &fNum_01);
36
37    printf("\n\n");
38    printf("Enter Another Floating Point Number : \n\n");
39    scanf("%f", &fNum_02);
40
41    fResult = MAX_NUMBER(fNum_01, fNum_02);
42    printf("\n\n");
43    printf("Result Of Macro Function MAX_NUMBER() = %f\n", fResult);
44
45    printf("\n\n");
46
47    return(0);
48 }
49
50
51
52
```