

```
1  #include <stdio.h>
2  int main(void)
3  {
4      //variable declarations
5      int num;
6
7      //code
8      printf("\n\n");
9
10     printf("Enter Value For 'num' : ");
11     scanf("%d", &num);
12
13     if (num < 0)
14     {
15         printf("Num = %d Is Less Than 0 (NEGATIVE).\n\n", num);
16     }
17
18     if ((num > 0) && (num <= 100))
19     {
20         printf("Num = %d Is Between 0 And 100.\n\n", num);
21     }
22
23     if ((num > 100) && (num <= 200))
24     {
25         printf("Num = %d Is Between 100 And 200.\n\n", num);
26     }
27
28     if ((num > 200) && (num <= 300))
29     {
30         printf("Num = %d Is Between 200 And 300.\n\n", num);
31     }
32
33     if ((num > 300) && (num <= 400))
34     {
35         printf("Num = %d Is Between 300 And 400.\n\n", num);
36     }
37
38     if ((num > 400) && (num <= 500))
39     {
40         printf("Num = %d Is Between 400 And 500.\n\n", num);
41     }
42
43     if (num > 500)
44     {
45         printf("Num = %d Is Greater Than 500.\n\n", num);
46     }
47
48     return(0);
49 }
50
```