```
#include <stdio.h>
 2 int main(void)
 3 {
 4
        //variable declarations
 5
        int num;
 6
 7
        //code
        printf("\n\n");
 8
 9
10
        printf("Enter Value For 'num' : ");
        scanf("%d", &num);
11
12
        if (num < 0) // 'if' - 01</pre>
13
14
15
            printf("Num = %d Is Less Than 0 (NEGATIVE) !!!\n\n", num);
16
        else // 'else' - 01
17
18
            if ((num > 0) && (num <= 100)) // 'if' - 02
19
20
21
                printf("Num = %d Is Between 0 And 100 !!!\n\n", num);
22
            else // 'else' - 02
23
24
                if ((num > 100) && (num <= 200)) // 'if' - 03
25
26
27
                    printf("Num = %d Is Between 100 And 200 !!!\n\n", num);
28
                }
                else // 'else' - 03
29
30
                    if ((num > 200) && (num <= 300)) // 'if' - 04
31
32
                        printf("Num = %d Is Between 200 And 300 !!!\n\n", num);
33
34
35
                    else // 'else' - 04
36
                        if ((num > 300) && (num <= 400)) // 'if' - 05
37
38
                            printf("Num = %d Is Between 300 And 400 !!!\n\n", num);
39
40
                        else // 'else' - 05
41
42
43
                             if ((num > 400) && (num <= 500)) // 'if' - 06
44
45
                                 printf("Num = %d Is Between 400 And 500 !!!\n\n",
                         num);
46
47
                            else // 'else' - 06
48
49
                                 printf("Num = %d Is Greater Than 500 !!!\n\n", num);
50
                            } // closing brace of 'else' - 06
51
```

```
... \hbox{-} If \verb|ElseStatement_NeedFor_IfElseIfLadder\\| If \verb|ElseStatement.c||
```

```
2
52
                        } // closing brace of 'else' - 05
53
                   } // closing brace of 'else' - 04
54
55
               } // closing brace of 'else' - 03
56
57
           } // closing brace of 'else' - 02
58
59
       } // closing brace of 'else' - 01
60
61
62
       return(0);
63 }
64
```