```c
#include <stdio.h>
int main(void)
{
    //variable declarations
    int num;

    //code
    printf("\n\n");

    printf("Enter Value For 'num' : ");
    scanf("%d", &num);

    if (num < 0) // 'if' - 01
    {
        printf("Num = %d Is Less Than 0 (NEGATIVE) !!!\n\n", num);
    }
    else // 'else' - 01
    {
        if ((num > 0) && (num <= 100)) // 'if' - 02
        {
            printf("Num = %d Is Between 0 And 100 !!!\n\n", num);
        }
        else // 'else' - 02
        {
            if ((num > 100) && (num <= 200)) // 'if' - 03
            {
                printf("Num = %d Is Between 100 And 200 !!!\n\n", num);
            }
            else // 'else' - 03
            {
                if ((num > 200) && (num <= 300)) // 'if' - 04
                {
                    printf("Num = %d Is Between 200 And 300 !!!\n\n", num);
                }
                else // 'else' - 04
                {
                    if ((num > 300) && (num <= 400)) // 'if' - 05
                    {
                        printf("Num = %d Is Between 300 And 400 !!!\n\n", num);
                    }
                    else // 'else' - 05
                    {
                        if ((num > 400) && (num <= 500)) // 'if' - 06
                        {
                            printf("Num = %d Is Between 400 And 500 !!!\n\n",
                        num);
                        }
                        else // 'else' - 06
                        {
                            printf("Num = %d Is Greater Than 500 !!!\n\n", num);
                        } // closing brace of 'else' - 06

```

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