1.

```
if (age >= 13 && age <= 19){
    teenager= true;
    }
else{
    teenager= false;
    }
```

2.

```
1     #include <stdio.h>
2     int main(void){
3         int num1,num2;
4
5         printf("Please enter a 2-digit number: ");
6         scanf("%ld%ld",&num1,&num2);
7
8         if (num1 == 1){
9             switch(num2){
10                case 0:
11                    printf("Number entered in words: ten");
12                    break;
13                case 1:
14                    printf("Number entered in words: eleven");
15                    break;
16                case 2:
17                    printf("Number entered in words: twelve");
18                    break;
19                case 3:
20                    printf("Number entered in words: thirteen");
21                    break;
22                case 4:
23                    printf("Number entered in words: fourteen");
24                    break;
25                case 5:
26                    printf("Number entered in words: fifteen");
27                    break;
28                case 6:
29                    printf("Number entered in words: sixteen");
30                    break;
31                case 7:
```

```c
31                    case 7:
32                        printf("Number entered in words: seventeen");
33                        break;
34                    case 8:
35                        printf("Number entered in words: eighteen");
36                        break;
37                    case 9:
38                        printf("Number entered in words: nineteen");
39                        break;
40                }
41            }
42        else{
43            switch(num1){
44                case 2:
45                    printf("Number entered in words: twenty-");
46                    break;
47                case 3:
48                    printf("Number entered in words: thirty");
49                    break;
50                case 4:
51                    printf("Number entered in words: forty-");
52                    break;
53                case 5:
54                    printf("Number entered in words: fifty-");
55                    break;
56                case 6:
57                    printf("Number entered in words: sixty-");
58                    break;
59                case 7:
60                    printf("Number entered in words: seventy-");
61                    break;
```

```c
69            switch(num2){
70                case 1:
71                    printf("one");
72                    break;
73                case 2:
74                    printf("two");
75                    break;
76                case 3:
77                    printf("three");
78                    break;
79                case 4:
80                    printf("four");
81                    break;
82                case 5:
83                    printf("five");
84                    break;
85                case 6:
86                    printf("six");
87                    break;
88                case 7:
89                    printf("seven");
90                    break;
91                case 8:
92                    printf("eight");
93                    break;
94                case 9:
95                    printf("nine");
96                    break;
97            }
98        }
99
```

```
Please enter a 2-digit number: 67
Number entered in words: sixty-seven
Process returned 0 (0x0)   execution time : 6.364 s
Press any key to continue.
```