

1.

```
1  #include<stdio.h>
2  void main()
3  {
4  int age;
5
6  printf("Input age:");
7  scanf("%d", &age);
8
9  if ((age >= 13) &&(age <= 19)){
10     char teenager[4] = "true";
11     printf("Teenager:%s", teenager);}
12
13 else{
14     char teenager[5] = "false";
15     printf("Teenager:%s", teenager);}
16
17 }
```

2.

```
1  #include<stdio.h>
2  void main()
3  {
4  int number;
5  char list1[10][20]={
6      "ten",
7      "eleven",
8      "twelve",
9      "thirteen",
10     "fourteen",
11     "fifteen",
12     "sixteen",
13     "seventeen",
14     "eighteen",
15     "nineteen",
16     };
17
18  char list2[8][20]={
19     "twenty",
20     "thirty",
21     "forty",
22     "fifty",
23     "sixty",
24     "seventy",
25     "eighty",
26     "ninety",
27     };
28
```

```
29 char list3[10][20]={
30     "",
31     "-one",
32     "-two",
33     "-three",
34     "-four",
35     "-five",
36     "-six",
37     "-seven",
38     "-eight",
39     "-nine",
40 };
41
42 do {
43     printf("Input a two digit number:");
44     scanf("%d", &number);
45 }while (number<10);
46
47 if (number<20){
48     printf("Number in words: %s", list1+(number-10));
49 }
50
51 else{
52     printf("number in words: %s%s",list2+((number/10)-2),list3+((number%10))
53 }
54
55 }
```