```c
1  #include <stdio.h> //for printf()
2  #include <conio.h> //for getch()
3
4  // ASCII Values For 'A' to 'Z' => 65 to 90
5  #define CHAR_ALPHABET_UPPER_CASE_BEGINNING 65
6  #define CHAR_ALPHABET_UPPER_CASE_ENDING 90
7
8  // ASCII Values For 'a' to 'z' => 97 to 122
9  #define CHAR_ALPHABET_LOWER_CASE_BEGINNING 97
10 #define CHAR_ALPHABET_LOWER_CASE_ENDING 122
11
12 // ASCII Values For '0' to '9' => 48 to 57
13 #define CHAR_DIGIT_BEGINNING 48
14 #define CHAR_DIGIT_ENDING 57
15
16 int main(void)
17 {
18     //variable declarations
19     char ch;
20     int ch_value;
21
22     //code
23     printf("\n\n");
24
25     printf("Enter Character : ");
26     ch = getch();
27
28     printf("\n\n");
29
30     switch (ch)
31     {
32     // FALL THROUGH CONDITION...
33     case 'A':
34     case 'a':
35
36     case 'E':
37     case 'e':
38
39     case 'I':
40     case 'i':
41
42     case 'O':
43     case 'o':
44
45     case 'U':
46     case 'u':
47         printf("Character \'%c\' Entered By You, Is A VOWEL CHARACTER From The
               English Alphabet !!!\n\n", ch);
48         break;
49     default:
50         ch_value = (int)ch;
51
```

```c
52                //If The Character Has ASCII Value Between 65 AND 90 OR Between 97 AND
                    122, It Is Still A Letter Of The Alphabet, But It Is A 'CONSONANT', and
                    NOT a 'VOWEL'...
53                if ((ch_value >= CHAR_ALPHABET_UPPER_CASE_BEGINNING && ch_value <=
                    CHAR_ALPHABET_UPPER_CASE_ENDING) || (ch_value >=
                    CHAR_ALPHABET_LOWER_CASE_BEGINNING && ch_value <=
                    CHAR_ALPHABET_LOWER_CASE_ENDING))
54                {
55                    printf("Character \'%c\' Entered By You, Is A CONSONANT CHARACTER From
                        The English Alphabet !!!\n\n", ch);
56                }
57
58                else if (ch_value >= CHAR_DIGIT_BEGINNING && ch_value <=
                    CHAR_DIGIT_ENDING)
59                {
60                    printf("Character \'%c\' Entered By You, Is A DIGIT CHARACTER !!!\n
                        \n", ch);
61                }
62
63                else
64                {
65                    printf("Character \'%c\' Entered By You, Is A SPECIAL CHARACTER !!!\n
                        \n", ch);
66                }
67                break;
68        }
69
70        printf("Switch Case Block Complete !!!\n");
71
72        return(0);
73  }
74
```