

```
1 #include <stdio.h>
2 #include <string.h> // for toupper()
3
4 int main(void)
5 {
6     // variable declarations
7     char ch, ch_i;
8     unsigned int ascii_ch = 0;
9
10    // code
11    printf("\n\n");
12    printf("Enter The First Character Of First Name : ");
13    ch = getch();
14
15    ch = toupper(ch);
16
17    for (ch_i = 'A'; ch_i <= 'Z'; ch_i++)
18    {
19        if (ch == ch_i)
20        {
21            ascii_ch = (unsigned int)ch;
22            goto result_output; // program flow jumps directly to label
                                "result_output"
23        }
24    }
25
26    printf("\n\n");
27    printf("Goto statement not executed, so printing \"Hello, world !!!\".
    \n"); // will be omitted if 'goto' statment is executed
28
29
30    result_output: // Label itself does not alter flow of program. Following code
    is executed regardless of whether goto statement is executed or not.
31    printf("\n\n");
32
33    if (ascii_ch == 0)
34    {
35        printf("You must have a strange name! Could not find the character '%c'
    in the entire English Alphabet!\n", ch);
36    }
37
38    else
39    {
40        printf("Character '%c' found. It has ASCII value %u.\n", ch, ascii_ch);
41    }
42
43    printf("\n\n");
44    return(0);
45 }
46
```