

52. Program in c to check whether the inputted data is capital letter or small letter or digit or special character.

```
#include <stdio.h>

#include <ctype.h>

int main() {

    char ch;


    // Accepting input
    printf("Enter a character: ");
    scanf("%c", &ch);


    // Checking the character type
    if(isupper(ch)) {
        printf("Inputted character is a capital letter.\n");
    } else if(islower(ch)) {
        printf("Inputted character is a small letter.\n");
    } else if(isdigit(ch)) {
        printf("Inputted character is a digit.\n");
    } else {
        printf("Inputted character is a special character.\n");
    }


    return 0;
}
```