44. C program to read a character and check whether it is a capital letter, a lowercase letter, a digit, or a special character:

```c
#include <stdio.h>

#include <ctype.h>

Int main() {

  Char ch;

 // Read a character from the user

  Printf("Enter a character: ");

  Scanf("%c", &ch);

  // Check and display the type of the character

  If (isupper(ch)) {

    Printf("The character '%c' is a capital letter.\n", ch);

  } else if (islower(ch)) {

    Printf("The character '%c' is a lowercase letter.\n", ch);

  } else if (isdigit(ch)) {

    Printf("The character '%c' is a digit.\n", ch);

  } else {

    Printf("The character '%c' is a special character.\n", ch);

  }


  Return 0;

}
```