

Question9: Develop a program to check the type of character input by the user (uppercase letter, lowercase letter, digit, or special character)

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#include <iostream>

using namespace std;

int main() {

    char ch;

    cout << "Enter a character: ";

    cin >> ch;

    if (ch >= 'A' && ch <= 'Z') {

        cout << "Uppercase letter";

    } else if (ch >= 'a' && ch <= 'z') {

        cout << "Lowercase letter";

    } else if (ch >= '0' && ch <= '9') {

        cout << "Digit";

    } else {

        cout << "Special character";

    }

    return 0;

}
```