#include <iostream>

#include <sstream>

#include <string>

#include <cmath>

#include <ctime>

#include <cstring>

using namespace std;

int main()

{

srand(time(0));

string answer;

int value;

do

{

int x = rand() % 99 + 1;

cout << "Guess a number between 1 and 100." << endl;

cin >> value;

while (value != x)

{

if (value <= 100 && value >= 1)

{

if (value > x)

{

cout << "You guessed too high. Please try again: " << endl;;

cin >> value;

}

else if (value < x)

{

cout << "You guessed too low. Please try again: " << endl;

cin >> value;

}

}

else

{

cout << "Error: Invalid input. Please provide a positive value between 1 and 100 inclusive." << endl;

cin >> value;

}

}

cout << "Congradulations! You have guessed correctly!" << endl << "Would you like to play again? (Type yes or no)" << endl;

cin >> answer;

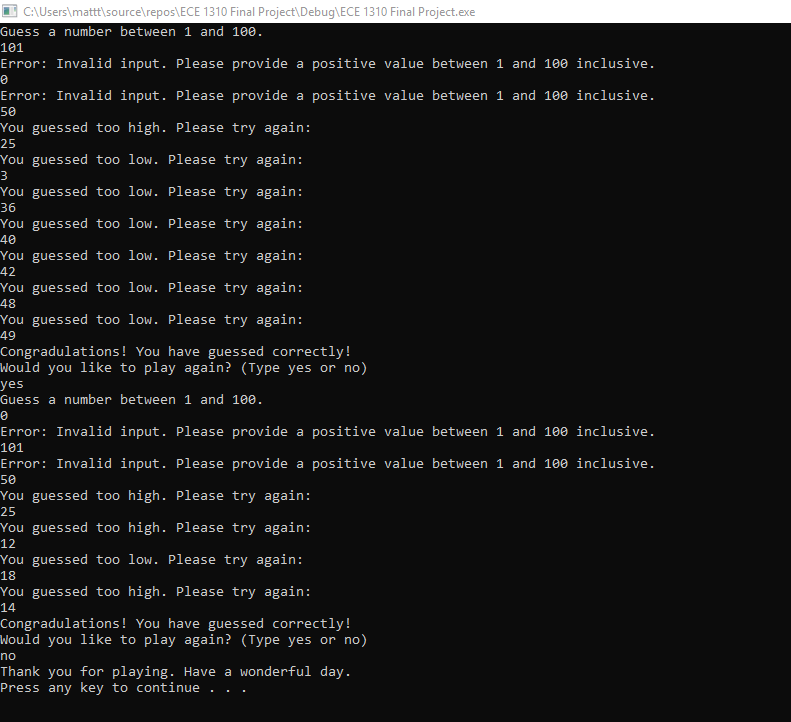
} while (answer == "yes" || answer == "Yes" || answer == "YES");

cout << "Thank you for playing. Have a wonderful day." << endl;

system("pause");

return 0;

}

A close up of a piece of paper

Description automatically generated