```c
#include <stdio.h>
#include <time.h>

void playGame() {
    int number, guess, attempts = 0;
    srand(time(0));
    number = rand() % 100 + 1;

    printf("Welcome to the Number Guessing Game!\n");
    printf("I have chosen a number between 1 and 100. Try to guess it!\n");

    do {
        printf("Enter your guess: ");
        scanf("%d", &guess);
        attempts++;

        if (guess > number) {
            printf("Too high! Try again.\n");
        } else if (guess < number) {
            printf("Too low! Try again.\n");
        } else {
            printf("Congratulations! You guessed the number in %d attempts.\n", attempts);
        }
    } while (guess != number);
}
```

Logs & others

Code::Blocks   Search results   Cccc   Build log   Build messages   CppCheck/Vera++   CppCheck/Vera++ messages   Cscope   Debugger   DoxyBlocks   Fortran info

File   Line   Message
=== Build file: "no target" in "no project" (compiler: unknown) ===

```c
            scanf("%d", &guess);
            attempts++;

            if (guess > number) {
                printf("Too high! Try again.\n");
            } else if (guess < number) {
                printf("Too low! Try again.\n");
            } else {
                printf("Congratulations! You guessed the number in %d attempts.\n", attempts);
            }
        } while (guess != number);
    }

int main() {
    char choice;
    do {
        playGame();
        printf("Do you want to play again? (y/n): ");
        scanf(" %c", &choice);
    } while (choice == 'y' || choice == 'Y');

    printf("Thanks for playing! Goodbye.\n");
    return 0;
}
```

Logs & others

| 📙 Code::Blocks ✕ | 🔍 Search results ✕ | 📙 Cccc ✕ | ⚙ Build log ✕ | 🍦 Build messages ✕ | 📙 CppCheck/Vera++ ✕ | 📙 CppCheck/Vera++ messages ✕ | 📙 Cscope ✕ |

File   Line Message

```
"E:\eFootball\Code Game.exe"    X    +    ∨

Welcome to the Number Guessing Game!
I have chosen a number between 1 and 100. Try to guess it!
Enter your guess: 65
Too high! Try again.
Enter your guess: 64
Too high! Try again.
Enter your guess: 50
Too high! Try again.
Enter your guess: 40
Too high! Try again.
Enter your guess: 30
Too high! Try again.
Enter your guess: 20
Too high! Try again.
Enter your guess: 10
Too high! Try again.
Enter your guess: 1
Too low! Try again.
Enter your guess: 5
Too high! Try again.
Enter your guess: 4
Congratulations! You guessed the number in 10 attempts.
Do you want to play again? (y/n): |
```

```
"E:\eFootball\Code Game.exe"    ✕    +    ⌄
```

Welcome to the Number Guessing Game!
I have chosen a number between 1 and 100. Try to guess it!
Enter your guess: 55
Too low! Try again.
Enter your guess: 99
Too high! Try again.
Enter your guess: 60
Too low! Try again.
Enter your guess: 67
Too high! Try again.
Enter your guess: 65
Too high! Try again.
Enter your guess: 63
Too low! Try again.
Enter your guess: 64
Congratulations! You guessed the number in 7 attempts.
Do you want to play again? (y/n):