

- Lab Name: Lab 5 Number Guessing Game
- Description: Write a number-guessing game in which the computer selects a random number in the range of 0 to 100, and users get a maximum of 20 attempts to guess it. At the end of each game, users should be told whether they won or lost, and then be asked whether they want to play again. When the user quits, the program should output the total number of wins and losses. To make the game more interesting, the program should vary the wording of the messages that it outputs for winning, for losing, and for asking for another game. Create 10 different messages for each of these cases, and use random numbers to choose among them. This application should use at least one Do-While loop and at least one Switch statement. Write your C++ code using good style and documenting comments. You should use functions in your code as well. Your source code file should be called Lab5.cpp.