

Question 2

In plain English and with the Given-required-algorithm table, write a guessing game where the user should guess a secret number. After every guess, the program tells the user whether their number was too large or too small. In the end, the number of tries needed should be printed.

Given	Required	Algorithm
Write a guessing game where the user should guess a secret number	Statement prompt user whether he/she input too large or too small numbers	<p>User has to input lower and upper bound integer</p> <ol style="list-style-type: none">1. Assign the integer value to a certain variable name2. Print a statement that asks a user to guess a secret number3. Allow user to input their guessed number4. Apply nested if-else condition by setting integer number that hold the low and large number5. If a user inputs a guess number greater than the selected integer, then the output will be “ the number is too large”6. Else if the user inputs a number less than the set/ chosen integer then the output will be “ too small”7. Else the users guess a minimum number of guesses, output” nice job”8. Else if a doesn't guess the number which belongs in minimum numbers of guesses, then the output” you will make it next time”9. Else invalid output