**FNOP Assignment 4**

**Pseudocode**

secret = generated random number between 1 to 100

number = user input for numbernumber = user input for number

count = 1

while(number != secret)

{

take number again from user

count++

}

prints result and count

**JAVASCRIPT CODE**

var secret = Math.floor(Math.random() \* 100) + 1;

var number = prompt("Please enter a number between 1 and 100");

var count = 1;

while(number!=secret)

{

console.log("Try again");

number = prompt("Please enter a number between 1 and 100");

count++;

}

console.log("Congratulations!")

console.log(number, " is the secret number")

console.log("you found it in", count,"attempts.")

**Flow Chart**

Diagram

Description automatically generated