In this programming assignment you will be practicing JavaScript if statements and comparisons.

Your finished product should be a link to a GitHub repository with a single HTML file and a single JavaScript file inside it.

To complete the activity, you will need to do the following:

Part I

* Declare 3 variables: userChoice, randomNumber, computerChoice
* Use the JavaScript prompt function to ask the user for a choice "heads or tails" and assign the result to userChoice
* Generate a random number 0 or 1 with JavaScript and assign it to the variable randomNumber
  + Read [this stackoverflow (Links to an external site.)](https://stackoverflow.com/questions/45136711/javascript-random-generate-0-or-1-integer) and research "generating random numbers with JavaScript" to figure this piece out
* Use a conditional to check whether the random number generated was a 0 or 1
  + If the random number was 0, assign the value of "heads" to computerChoice
  + Otherwise, if the random number was 1, assign the value of "tails" to computerChoice
* Compare the userChoice variable to the computerChoice variable
  + If they are equivalent, alert the message "You guessed right! The coin flip landed on [YOUR CHOICE HERE]"
  + If they aren't equivalent, alert the message "Sorry, the coin flip landed on [NOT YOUR CHOICE HERE]"

Part II

* Create a variable birthYear to store a birth year
* Prompt the user for the year they were born and assign it to birthYear
* Use the birthYear and the current year to calculate their age and store it to a variable
* Write a conditional that does the following:
  + If their age is greater than 21, alert "You are old enough to drink in the US"
  + If their age is exactly 21, alert "You are old enough to drink in the US...barely"
  + If their age is younger than 21, alert "Sorry, you are not old enough to drink in the US"

**You must use the values from your variables in your messages or you will lose points.**

Var userChoice

Var randomNumber

Var ComputerChoice

Function GenerateNumber (randomNumber) {

If (RandomNumber=1) {

Return “Tails”

}

Return “Head”

Function AskForAChoice (userChoice) {

If (userChoice = 0) {

Return “Head”;

}

Return “Tails”

}

AskForAChoice (0);

Function CompareChoice{

If (userChoice===0) {

Return "You guessed right! The coin flip landed on” “RandomNumber"

}

Return "Sorry, the coin flip landed on” “Random Number"

}

Var BirthYear

var age

Function CAlculateAge (age) {

Age=ActualYear – BirthYear;

If (age>21) {

Return "You are old enough to drink in the US";

}

Else if (Age=21)

{

Return “"You are old enough to drink in the US...barely";

}

Else

{

Return “"Sorry, you are not old enough to drink in the US";

}

}