Asia Developer Academy

Mini Project: Introduction to Javascript

Problem 1 : Caesar Cipher

One of the simplest and most widely known `ciphers` is a `Caesar cipher`, also known as a `shift cipher`. In a `shift cipher` the meanings of the letters are shifted by some set amount.

A common modern use is the **ROT13** cipher, where the values of the letters are shifted by 13 places. Thus 'A' ↔ 'N', 'B' ↔ 'O' and so on.

Write a function which takes a **ROT13** encoded string as input and returns a decoded string.

All letters will be uppercase. Do not transform any non-alphabetic character (i.e. spaces, punctuation), but do pass them on.
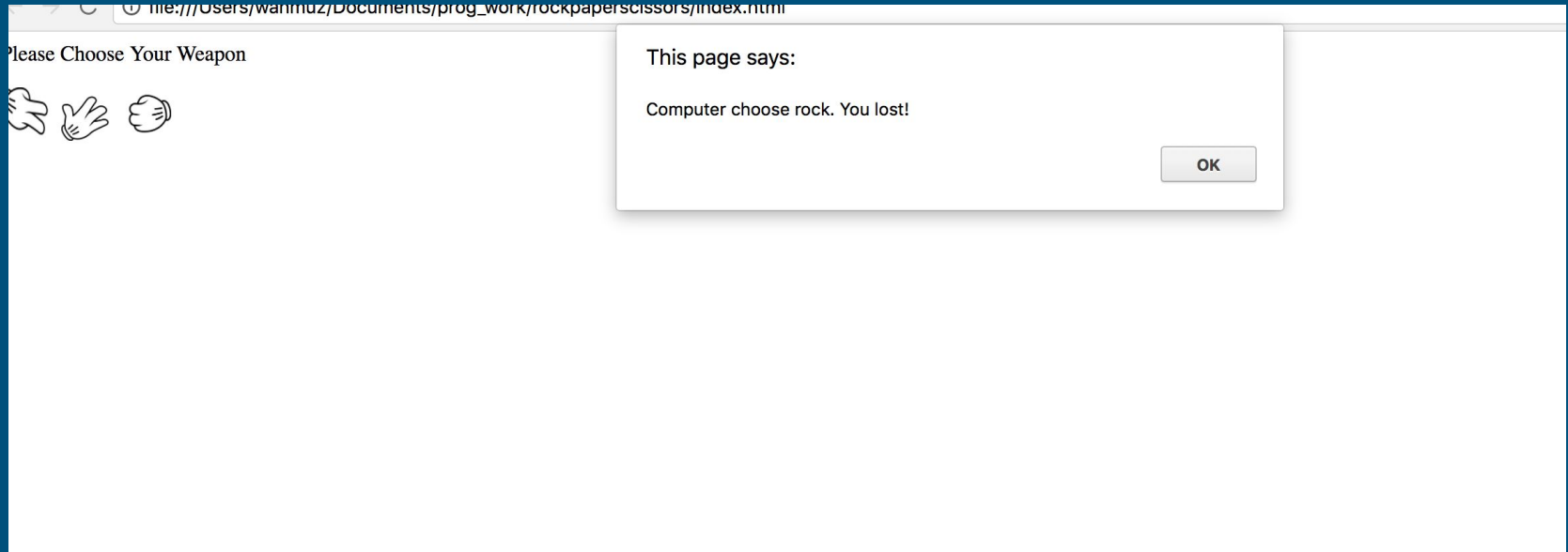
Guess the number!

Enter the number

70   Click me

You guessing too low!(70)1 guesses remaining

Instruction

1) Create a website that will contain a form and a button.

2) When the website is loaded, a random number from 1-100 will be chosen.

3) User will have 3 chances to guess the random number that has been chosen.

4) You will return clue, if the number is high or low, or congratulate the user if they have guessed the number correctly.

Rock paper scissors

Instruction

1) Create a website that will contain three images of (rock, paper, scissors)

2) User will select one of the weapon by clicking on the image, using onclick.

3) Computer will randomly choose a weapon, rock, paper or scissors.

4) You will know if you win or lose by the game rules, eg: if

- Rock vs paper => paper win…
- if Rock vs scissors => rock win