# ECSS MicroHack 2019

## JavaScript Snake

We have provided you with two files, snakepage.html and snakecore.js, which together make up the popular game “Snake” to be played in a web browser. However, the code for it is incomplete with much of the game’s core elements missing and a lot of room for creative extensions.

## Challenge:

Your challenge is to fix the code to make the game playable. Extra credit will be given for adding new features to the original game or redesigning the web page.

You can complete the challenge without changing anything in snakecore.js but this is up to you. To play the game simply open snakepage.html which should bring up a web browser and start the game. The code includes some comments about what features need to be added or fixed, but it is up to you to figure out what exactly you need to do and how you can do it. Don’t hesitate to ask for help or clues. You can find some ideas for extensions below.

## Possible Extensions:

* Spawn poisonous food that decreases your score and snake length
* Place immovable objects in the game that act as extra walls
* Add portals that allow the snake to “jump” from one place to another
* Make the game multiplayer by adding another snake with its own controls
* Redesign the web page:
  + Add a menu screen
  + Add a Game Over screen
  + Give the page a more aesthetically pleasing look and feel