



# DPD Hack Day 2019

***Arnold Clark***

## The task

We need you to develop a Rock, Paper, Scissors, Lizard, Spock game.

What the trek?! Don't worry, it's an expansion on the classic, made popular by The Big Bang Theory, just a few additional rules;

Scissors cuts Paper

Paper covers Rock

Rock crushes Lizard

Lizard poisons Spock

Spock smashes Scissors

Scissors decapitates Lizard

Lizard eats Paper

Paper disproves Spock

Spock vaporizes Rock

(and as it always has) Rock crushes Scissors

The program should take a player gesture as input, and using random behaviour generate a counter gesture, and calculate the winner. Easy! Or is it??

## Rules

There are no rules.

Use any programming language you like, or even one you dislike. If you're not confident with a programming language, send us the algorithm you'd use to do this written in pseudo code.

## How and what do I submit?

Once you have a finished solution, please complete the registration form with a link to a Github repo containing your code.

## How long do I have to build my game?

The closing date for submissions is Sunday 19th May at 11pm.

What happens next?

An engineer from Arnold Clark will review your application.

We'll let you know if you've been accepted for the Hack Day.

If you've got any questions, please contact [hackday@arnoldclark.com](mailto:hackday@arnoldclark.com).

We're really looking forward to seeing your awesome solution! Good luck!