

# The Bee Game

## Objective:

The objective of this exercise is to create a PHP application that performs the following tasks:

- A web page must be produced as the interface to play the game. Styling is not expected nor necessary.
- A button must be present to kick off the process of hitting a random bee.
- All code must be submitted to work in a local environment. Hosted solutions will be rejected.
- The game must adhere to the following rules and constraints.

## Specification:

### Bees:

There are three types of bees in this game:

#### Queen Bee

The Queen Bee has a lifespan of **100 Hit Points**.

When the Queen Bee is hit, **8 Hit Points** are deducted from her lifespan.

If/When the Queen Bee has run out of Hit Points, **All remaining alive Bees automatically run out of hit points.**

There is only **1** Queen Bee.

#### Worker Bee

Worker Bees have a lifespan of **75 Hit Points**.

When a Worker Bee is hit, **10 Hit Points** are deducted from his lifespan.

There are **5** Worker Bees.

#### Drone Bee

Drone Bees have a lifespan of **50 Hit Points**.

When a Drone Bee is hit, **12 Hit Points** are deducted from his lifespan.

There are **8** Drone Bees.

## Gameplay:

To play, there must be a button that enables a user to "hit" a random bee. The selection of a bee must be random. When the bees are all dead, the game must be able to reset itself with full life bees for another round.

## Constraints:

The application must run through a browser