# Lesson 2

## Worksheet 1

**Part 1**

Here is the Python code for a Pytch project:

**import pytch**

**class Sky (pytch.Stage):**

**Backdrops = ["clouds.jpg"]**

**class Bird(pytch.Sprite):**

**Costumes = ["bird.png"]**

**@pytch.when\_green\_flag\_clicked**

**def start(self):**

**self.set\_size(0.3)**

**@pytch.when\_key\_pressed("ArrowRight")**

**def move\_right(self):**

**self.change\_x(3)**

Write out *exactly* what you think will happen when you click the green “Run” button.

**Part 2**

Here is the Python code for a Pytch project:

**[…]**

**@pytch.when\_key\_pressed("ArrowRight")**

**def move\_right(self):**

**self.change\_x(3)**

**@pytch.when\_key\_pressed("ArrowDown")**

**def move\_down(self):**

**self.change\_y(-3)**

Write out *exactly* what you think will happen now.