Practical 3: Demonstrating sensors

**Introduction**

There are a number of sensors that enable you to create highly interactive and smart applications available via AppInventor. This tutorial is going to demonstrate a few of these sensors.

**Orientation Sensors**

Create a program that moves a sprite with an orientation sensor:

Will make use of:

* A timer
* A canvas
* A sprite
* An orientation sensor

You will need to install this app on the phone to see it in action where tilting the device will change the orientation, speed and location of the sprite on the screen

**Using location sensor and activity starter**

Create a simple GPS locator to show your position in your Google Maps App.

Will make use of:

* Locations sensor
* Activity starter

**Also discuss other sensors**

Will briefly talk about the following:

* NFC sensor
* Barcode sensor