

# CCT College Dublin

## Assessment Cover Page

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<b>Module Title:</b>	<i>Mobile Development</i>
<b>Assessment Title:</b>	<b>App Building with MIT App Inventor</b>
<b>Lecturer Name:</b>	<i>Ru Hickson</i>
<b>Student Full Name:</b>	Miwa Mullane
<b>Student Number:</b>	sba22384
<b>Assessment Due Date:</b>	28/05/2023 23:59
<b>Date of Submission:</b>	28/05/2023

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### Declaration

By submitting this assessment, I confirm that I have read the CCT policy on Academic Misconduct and understand the implications of submitting work that is not my own or does not appropriately reference material taken from a third party or other source. I declare it to be my own work and that all material from third parties has been appropriately referenced. I further confirm that this work has not previously been submitted for assessment by myself or someone else in CCT College Dublin or any other higher education institution.

# App Building with MIT App Inventor

## Introduction and overview

This project is created as part of the assignment for the Mobile development module in the applied software development course.

The objective of this project is to create a mobile application using App Inventor which can be useful for our daily life.

## Programming Quiz App

### Target Audience

Anyone who is interested in learning programming language.

This app aims to assist learners of programming languages by engaging with the quiz.

Engaging with the quiz will help prepare for the programming exam especially when more questions are added at the later stage.

## Existing Pages

- Screen 1

The quiz category of programming questions can be selected on this page by pressing the language logo of user's choice.

- Screen 2, 3 and 4

The elements presented here are Question and Answer choices that relate to the programming language chosen in the home page.

## Game Flow

1. User selection is made by pressing the programming logo.
2. The first question is displayed along with the answer choices, submit and next buttons.
3. User selects and submits the answer by pressing **"Submit"** button.
4. User is notified if their answer was correct or incorrect with text message and corresponding sound.
5. When all the questions are completed, the total score will be displayed along with **"Back to Home"** button.

## Future development

More questions and increased programming language choices along with an improved UI is aimed at for future development.

## Link to GitHub Repository

<https://github.com/mwmln/programming-quiz>