

MICHAEL DART

**T1A3 – Terminal Application
Quiz App**

Welcome

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Introduction to the app

The application I have created is based on a multiple choice quiz for any user who wants to test their knowledge against multiple categories and levels within the app.

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Before you get in...

The app doesn't start in the app

To assist the user to run the app initially:

- A script has been created helping unfamiliar Ruby users to run the app
- Ruby Gems are installed when the script is initiated. (The user alerted to this by a message). This is to cover all bases, incase the User doesn't have the Gem installed
- We like to get to know the user straight away – that's why we ask for your name 😊

```
1  #!/bin/bash
2  echo $0
3  echo $1 Loading a few gems for you to run the quiz app
4  |
5  gem install bundler -v 2.2.1
6  gem install tty-prompt -v 0.23.0
7  gem install colorize -v 0.8.1
8
9  ruby ./src/index.rb
```

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You're inside now!

Welcome in!...

When inside the app you will notice the following features:

- Create a profile
- Load an Existing Profile
- Quiz Menu
- Answers and Scores Menu
- Exit Option

All items are controlled within the **index.rb** file, with the classes separated into its own file

```
Hello Michael, Welcome to the Quiz App, one moment please...!  
  
Enter (1) to create a new profile  
Enter (2) to load your existing profile  
Enter (3) to go to quiz menu  
Press (4) to show your answers and score  
Press (5) to exit  
Please choose from one of the above options: _
```

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Let's go a little further

More inside the app!

Create a profile

The user will be prompted with some quick questions to create a profile, identifying themselves for future access.

Once created a membership ID will be given and the user is taken back to the main menu

```
Let's get started and create a new profile for you!  
Please retype your first name: Michael  
What is your last name: Dart  
Where are you from?: Brisbane  
What is your age?: 34  
Welcome to the Quiz app Michael from Brisbane. Your unique member number is 1. Keep this handy, you'll need it when you come back!  
Welcome, your details have been saved for next time
```

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Time to test your knowledge...


Categories and Levels

The user can select from multiple categories to test their knowledge. From which each category has 3 levels, Easy, Medium and Hard

They will also be able to go to the scores menu you, bypassing the need to go back to the main menu

The user is gently guided as to what is happening when an option is selected

```
You are now in the quiz menu! Please select your quiz
Enter (1) To Look at the Capital City Quizzes
Enter (2) To Look at the Countries Quizzes
Enter (3) To Look at the Geography Quizzes
Enter (4) to go to the Scores Menu
Enter (5) to Back to Main Menu
```



```
Loading the Capital City Quizzes
Welcome to the Capital City Quiz Menu! Please select the quiz level you want to do
Enter (1) to try the EASY quiz
Enter (2) to try the MEDIUM quiz
Enter (3) to try the HARD quiz
Press (4) to go back to the Quiz Menu
```

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Taking the quiz.

```
What is the capital city of France?  
(A) Nice  
(B) Lyon  
(C) Paris  
C  
You've answered: C  
The correct answer is: C  
You have answered correctly!  
What is the capital city of Japan?  
(A) Tokyo  
(B) Osaka  
(C) Nagoya  
a
```

The multiple choice questions will appear like so.

The app will return what the user has answered vs. what is correct

A statement is printed to the user for **CORRECT** and **INCORRECT** answers

The user will be able to answer in uppercase or lower, the app will recognise their input

A score is printed at the end to let the user know how they've done

```
You've answered: C  
The correct answer is: B  
Better luck next time!  
What is the capital city of New Zealand?  
(A) Auckland  
(B) Christchurch  
(C) Wellington  
a  
You've answered: A  
The correct answer is: C  
Better luck next time!  
You got 3/5  
Saving your score, check out the scores menu to see  
Returning back to the Capital City Quiz Menu...
```

Where to from here?

Additions and Fixes

- Additional content – new Categories and Levels
- Scores Menu – a way for the user to view what scores they have achieved
- Loading the users profile – so that the user can access their details, saved quizzes and scores
- Fixing the TTY Prompt in the app

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THANK YOU

LIKES

- Collecting the content
- Seeing how my the code works
- Creating the script

CHALLENGES

- The code – thinking how to best to put my ideas into code
- Keeping my code as DRY as possible
- Figuring out the errors

GOODBYE