

Level 2 Coding Python Game Brief

Python Game Brief

Introduction

You have been tasked with making a text-based adventure game.

This game can be themed however you like, but it **must** have multiple paths that the user can take.

Before you start coding, you need to plan out exactly what is going to happen in the game.

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Trello

Create a Trello board for this project and list all tasks that need to be done.

- Nominate one person from your team to create a Trello board and invite the other members of the team.
Make sure it is set to **Public**.
- Make every team member an admin and make sure to label the task you are working on.
All tasks should have at least one member assigned to them.
- Make sure the cards are detailed and can be understood without context.
You must use Kanban principles of **To Do**, **Doing**, and **Done** as your list names.

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Storyline / Theme

Decide on a theme and storyline of the game.

- You can research current text-based adventure games online.
It is up to you what genre, theme, location, characters and choices you include.
Detail this process on your Trello board and flowchart.
- If you find it helpful, you could create a shared document to write up any ideas or research and link it within a Trello task called **Plan Game**.

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Flowchart

Make a flowchart using app.diagrams.net that will show the story in detail and all choices that the user can make.

- Download a **PDF** version of the flowchart and add it into each team members Learner folder.

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Desks

Make a flowchart using app.diagrams.net that will show the story in detail and all choices that the user can make.

- Download a **PDF** version of the flowchart and add it into each team members Learner folder.

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What you will submit

- **A Python file of the completed game, which should run without errors or bugs**
 - The game should be cross-platform (work on Windows, Mac etc) and should run without any additional installation
- **A public Trello board which details who in your team did what, with no outstanding tasks in **To Do** or **Doing** lists**
 - For any incomplete tasks, label them or move them to a **Wish List**.
You can reflect on these later.
- **A PDF version of the flowchart**
- **A retrospective presentation detailing how you think the project went** (more on this later)

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What you need to showcase

- Python knowledge, skills and best practices gained from week one
- Python **input()** for user interaction with the game, research into Python libraries if applicable
- Use of good communicative and collaborative tools
- Good project management, planning and Agile working
- Teamwork