# Game Instructions

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**Running the Game**

1. Install Python: First, you need to have Python on your computer. You can download it for free from Python's official website <https://www.python.org/>. Just follow the instructions to install it.
2. Install Pygame:

After installing Python, you’ll need to install a library called Pygame, which helps us create games.

Open the Command Prompt (on Windows) or Terminal (on Mac) and type this command:

pip install pygame

Press Enter to run the command. This will download and install Pygame.

1. Set up Game Files:

Make sure all the game images and sounds (like coins, fuel cells, cars) are in the correct folders (images and sounds).

1. Run the Game:

Save the game code as Hydrogen\_Project.py.

Open the Command Prompt or Terminal in the folder where you saved the game code.

Type this command and press Enter

python Hydrogen\_Project.py

Or if you have a code editor in your pc like Visual Studio Code, Jupiter or Intellij, you can run directly by using a run button present in these editors.

**How to Play**

1. Start Menu:

Click the Start Game button to begin.

1. Choose a Level:

Pick a level: Edmonton, Red Deer, Calgary, Revelstoke, or Vancouver.

1. Controls

Use the Arrow Keys on your keyboard to control your vehicle:

* Up Arrow: Move the car forward.
* Down Arrow: Move the car backward.
* Left Arrow: Move the car to the left.
* Right Arrow: Move the car to the right.

**Game Rules:**

1. Collect Coins and Fuel Cells

Coins increase your score, and fuel cells keep your vehicle powered.

Collect 5 fuel cells to build a hydrogen station.

1. Fuel Stations:

Each station helps transition 1,000 vehicles and unlocks the next level.

1. Winning the Game:

Reach the final level in Vancouver, build 5 stations, and complete your mission!

**What the Game Looks Like:**

1. Start Screen:

Background of Edmonton with a green Start Game Button.

1. Gameplay:

Road, coins, fuel cells, and your vehicles moving through different cities.

1. Victory Screen:

A message celebrating your success and showing your upgraded vehicle.

**What’s Next?**

1. Get Feedback:

Let people play and share their thoughts to make the game even better.