

Step 1:

Download and Extract the Project

1. Download the from GitHub.


Step 2:

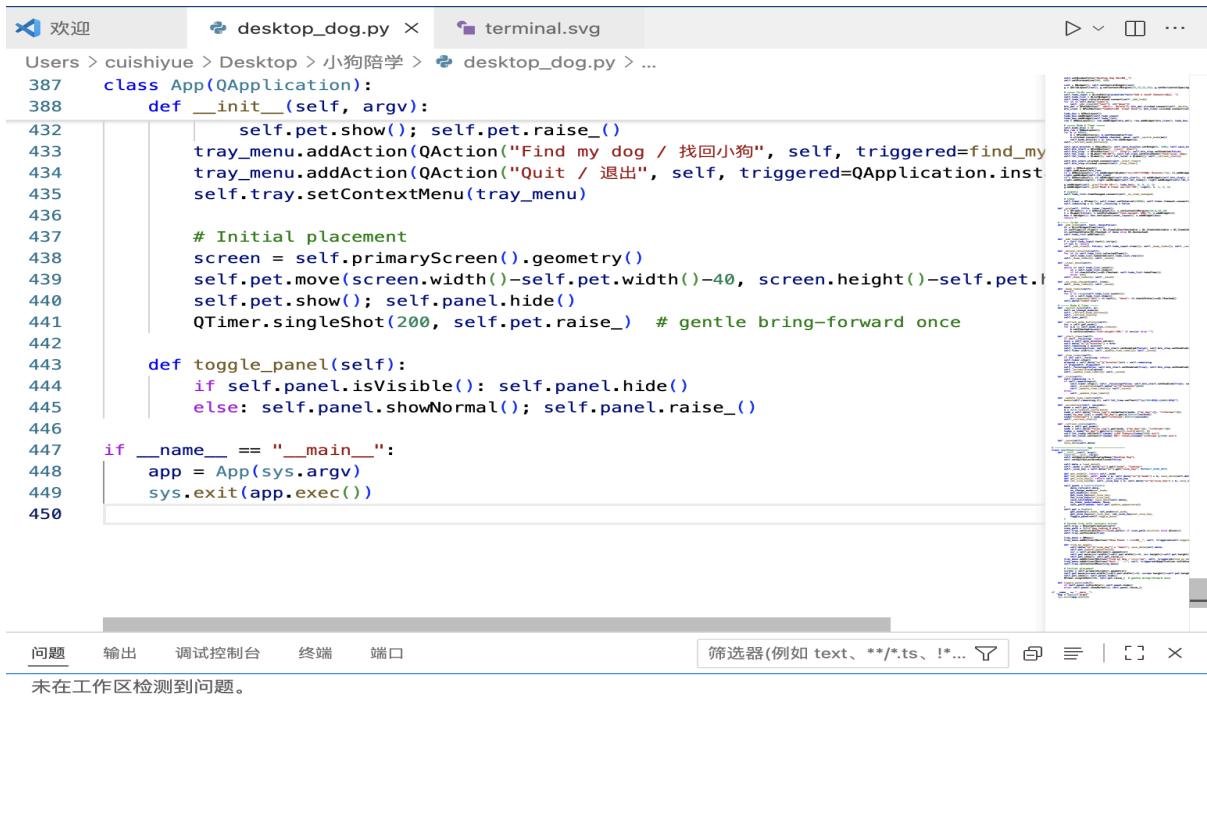
Run with Any Python IDE

You can open and run the project with **any Python environment**, including but not limited to:

- Visual Studio Code
- Cursor
- PyCharm

Make sure you have **the latest version of Python** installed.

 If any errors occur, ask ChatGPT to check whether your Python environment is outdated —
the **code itself has no issues**.



The screenshot shows a code editor with a file named `desktop_dog.py` open. The code is written in Python and uses the Qt framework. It defines a `App(QApplication)` class with an `__init__` method that sets up a window, a menu, and a timer. The `toggle_panel` method is used to show or hide a panel. The `__main__` block creates an instance of the `App` class and runs it.

```
387 class App(QApplication):
388     def __init__(self, argv):
432         self.pet.show(); self.pet.raise_()
433         tray_menu.addAction(QAction("Find my dog / 找回小狗", self, triggered=find_my_dog))
434         tray_menu.addAction(QAction("Quit / 退出", self, triggered=QApplication.instance().quit))
435         self.tray.setContextMenu(tray_menu)
436
437         # Initial placement
438         screen = self.primaryScreen().geometry()
439         self.pet.move(screen.width()-self.pet.width()-40, screen.height()-self.pet.height()-40)
440         self.pet.show(); self.panel.hide()
441         QTimer.singleShot(200, self.pet.raise_) # gentle bring-forward once
442
443     def toggle_panel(self):
444         if self.panel.isVisible(): self.panel.hide()
445         else: self.panel.showNormal(); self.panel.raise_()
446
447 if __name__ == "__main__":
448     app = App(sys.argv)
449     sys.exit(app.exec())
450
```

The editor interface includes a sidebar with a search bar and a list of files. The bottom status bar indicates that no issues were detected in the workspace.

Step 3:

Configure Your Computer Environment (macOS Example)

We'll use the macOS Terminal to set up and run the program.

1. Press **Command + Space** → search for “**Terminal**” and open it.
2. Then enter the following commands one by one (**don't paste all at once!**):

1) Navigate to your project folder (replace with your own path)

```
cd ~/Desktop/DogFocusCompanion
```

2) Create and activate a virtual environment (important)

```
python3 -m venv .venv
```

```
source .venv/bin/activate    # On Windows: .venv\Scripts\activate
```

3) Upgrade pip and install dependencies

```
python -m pip install --upgrade pip
```

```
pip install "PySide6>=6.6,<6.8"
```

4) Verify the environment and run (use the venv Python, not system Python)

```
./venv/bin/python -c "import sys, PySide6; print(sys.executable, PySide6.__version__)"
```

```
./venv/bin/python desktop_dog.py
```

Step 4:

Run the Program

Each time you want to start the program, open Terminal and enter:

```
cd ~/Desktop/DogFocusCompanion
```

```
source .venv/bin/activate    # Activate the virtual environment  
(check for prefix ".venv")
```

```
python -c "import sys, PySide6; print(sys.executable, PySide6.__version__)"
```

```
./venv/bin/python desktop_dog.py
```