

INTERACTIVE VISION SETUP GUIDE

STEP 1: Install Python 3.10+

- Download from <https://www.python.org/downloads/>
- During installation, check 'Add Python to PATH'

STEP 2: Create a Project Folder

Place these files in it:

- interactive_vision.py
- requirements.txt

STEP 3: Create Virtual Environment

Open CMD in the folder and run:

```
python -m venv venv  
venv\Scripts\activate
```

STEP 4: Install Libraries

```
pip install -r requirements.txt
```

STEP 5: Run the Project

```
python interactive_vision.py
```

Note:

- Press 'Q' or 'ESC' to exit the program.
- Uses built-in laptop camera. To use external webcam:

Change to `cap = cv2.VideoCapture(1)`

- Optionally add 'click.wav' file to enable sound on click.