CuPy Benchmark Setup (CUDA 11.8)

Step 1: Open Anaconda Prompt

Search for **Anaconda Prompt** in the Start menu and open it.

If you don't have it installed, download it from:
https://www.anaconda.com/products/distribution

Step 2: Create and Activate a New Environment

```bash
conda create -n cupy_env python=3.10 -y
conda activate cupy_env
```

Step 3: Install CuPy with CUDA 11.8

```bash
conda install -c conda-forge cupy cuda-version=11.8 -y
```

Step 4: Install Spyder

```bash
conda install spyder -y
```

Step 5: install matplotlib for Mandelbrot

```bash
conda install matplotlib -y
```

Step 6: Open and Run Benchmark Scripts

Run *Python_Run_ALL.bat* file to run all benchmarks.

- Results will be saved to CuPy/results/*" GPU Name"* folder