Lab - Install a Printer in Windows

Introduction

In this lab, you will install a printer. You will find, download, and update the driver and the software for the printer.

Recommended Equipment

- A computer running Windows
- Internet connection
- Printer

Instructions

Part 1: Connect a printer.

Connect a printer to a computer directly or connect the printer to a local network. Plug the printer power cord into an AC outlet if necessary. Unlock the printer if it is locked. Refer to the instruction manual if you do not know how to unlock the printer. Printer heads are often locked to prevent damage during shipment.

Part 2: Install the printer driver.

A printer driver is a software program that enables the computer and the printer to communicate with each other. The driver also provides an interface for the user to configure printer options. Each printer model has a unique driver.

a. After you have powered on the printer, the operating system may discover the printer and installs the driver if the printer is directly connected to the computer via a USB cable.

b. If the installation process does not start automatically, navigate to the **Control Panel** > **Devices and Printers**. Click **Add a printer**.

c. Select your printer in the results. If it is not found, click **The printer that I want isn't listed** and provide the necessary information to locate the printer. Follow the on-screen information to complete the installation.

Part 3: Install and download an up-to-date printer driver.

To ensure that your computer has the most current driver, find the manufacturer and the model number of the printer.

Visit the manufacturer's web site and navigate to the product downloads or support page. Download the most recent driver and software for the model of printer device that you have installed. The software and driver must be compatible with your operating system. Make sure that you download the driver with a matching architecture for your computer (x64 or x32), if necessary.

a. Download the driver. The driver is often found in archive format.

b. Extract the driver to a temporary folder on your desktop, if necessary.

c. The installation wizard may start automatically after file extraction. If not, double-click the .exe file or .msi file.

d. Follow the installation wizard instructions until the software and driver have been installed.

e. Reboot your computer if necessary.

Part 4: Print a test page.

a. To verify printer functionality, navigate to **Control Panel > Devices and Printers**.

b. Right-click the printer and select **Printer Properties**.

c. Click **Print Test Page** in the General tab to print a test page.

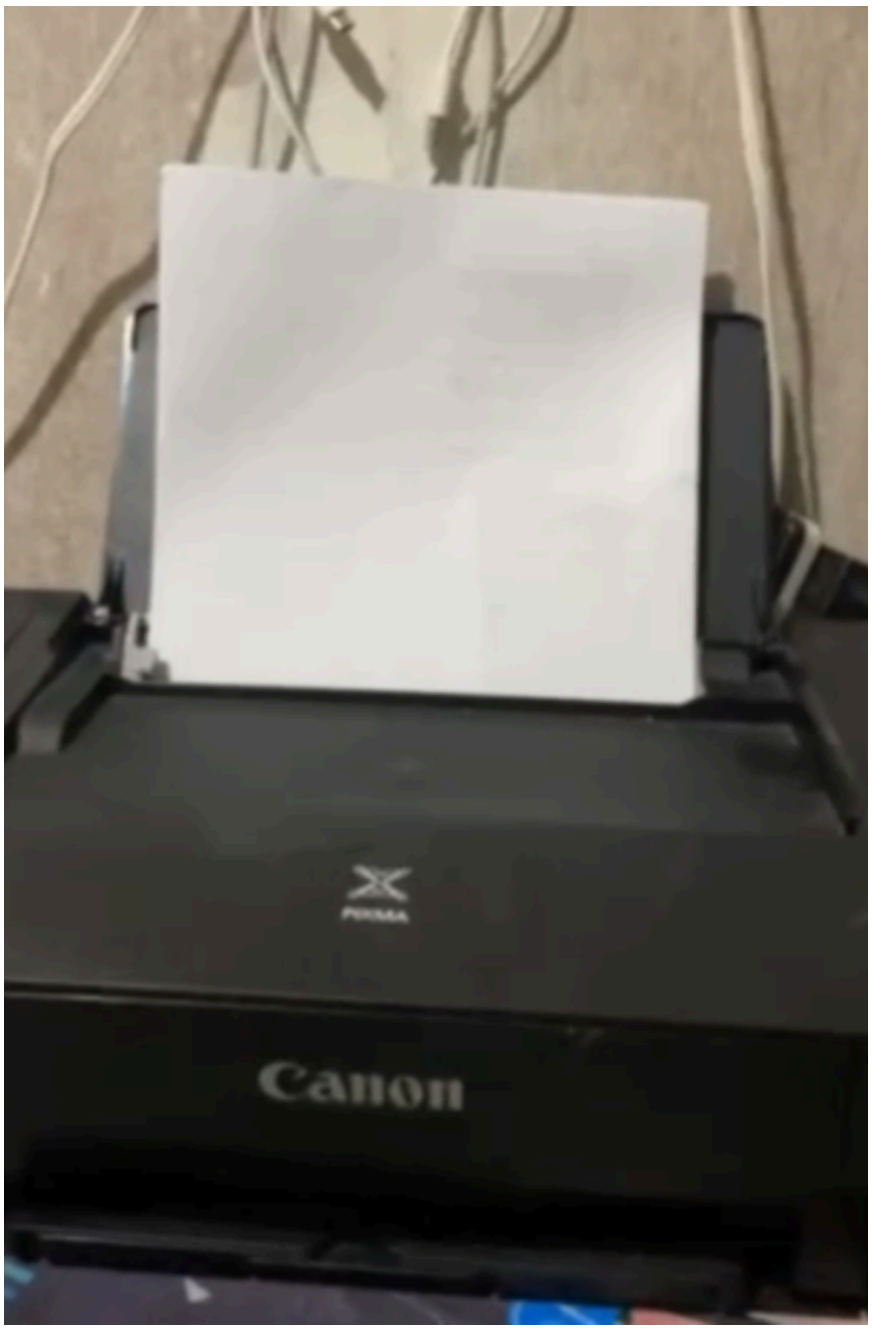
Reflection Question

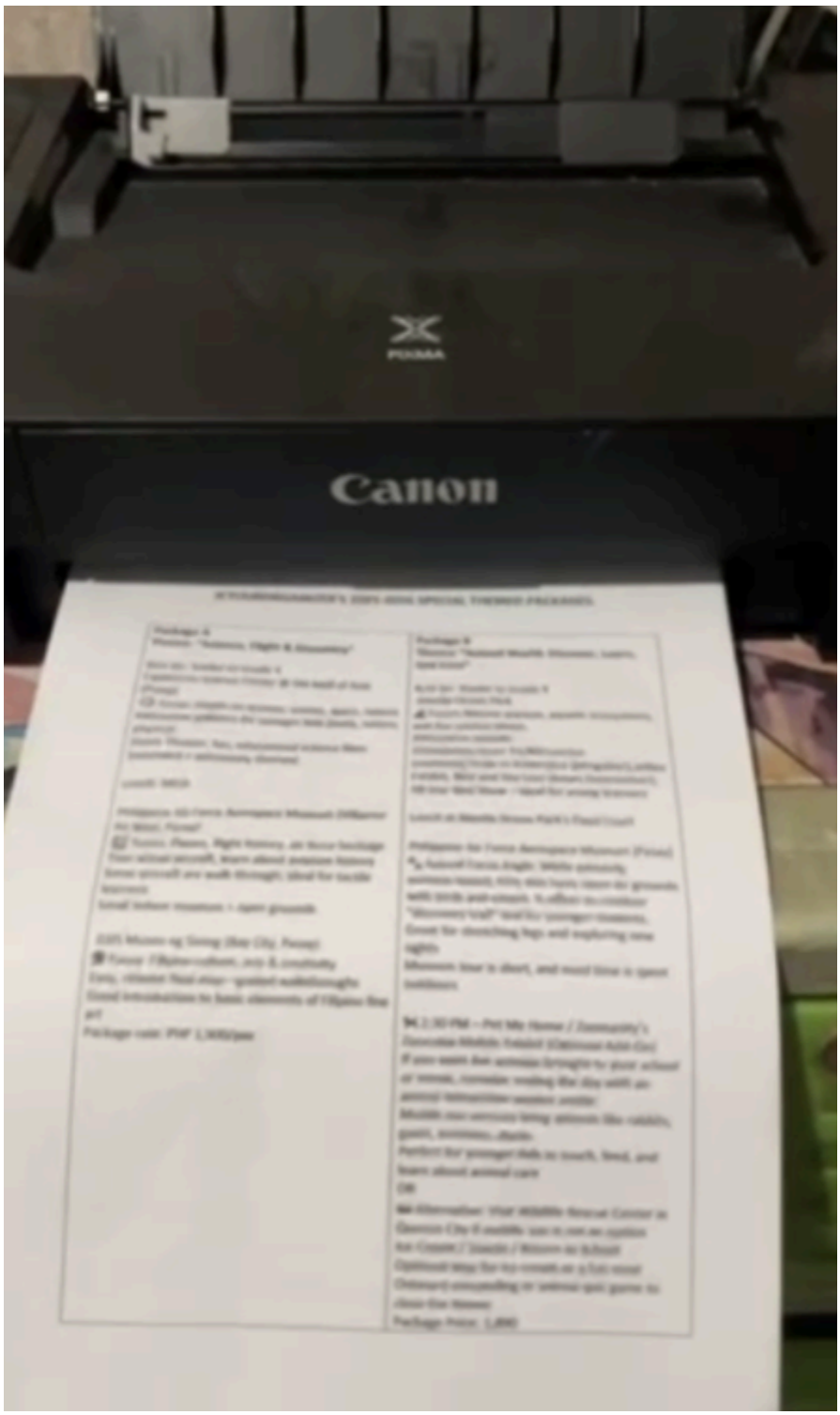
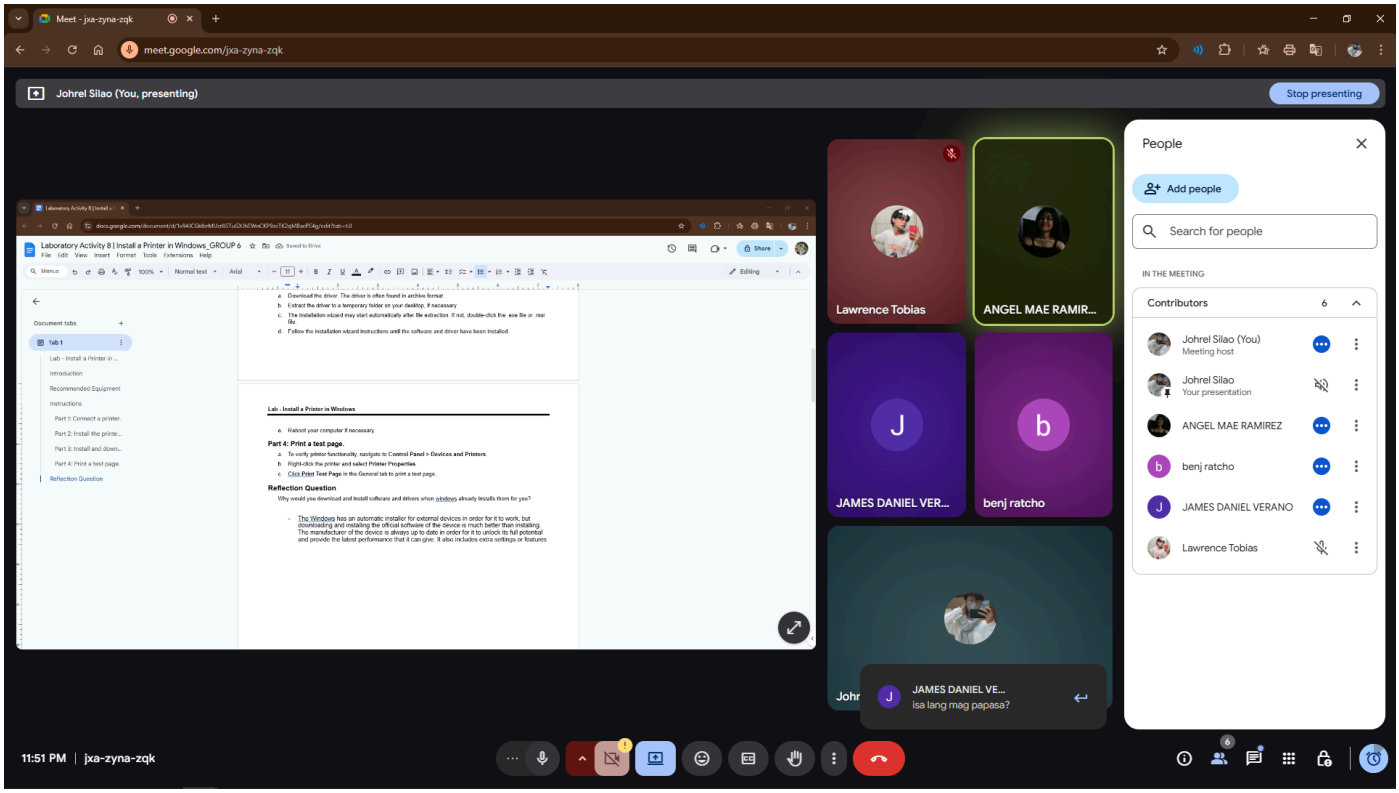
Why would you download and install software and drivers when windows already installs them for you?

- Windows has an automatic installer for external devices in order for it to work, but downloading and installing the official software of the device is much better than installing. The manufacturer of the device is always up to date in order for it to unlock its full potential and provide the latest performance that it can give. It also includes extra settings or features that Windows usually does not install. In short, the Windows drivers are enough for it to function, but installing the device's driver from the manufacturer itself can provide the latest performance.

CONCLUSION

- Understanding how to program for printing on paper helps programmers bridge the gap between digital applications and real-world use. It allows them to automate the creation of documents like reports, receipts, forms, and labels like saving time and reducing errors. By learning how to control print layout, manage printer settings, and generate print-ready files like PDFs, programmers gain valuable skills that are useful in business, education, healthcare, and more.


PIXMA
Canon


PIXMA
Canon

PROOF OF COLLABORATION