**CMIT 351 Project 1 Template**

**Please input the following correctly when the PKA file is opened as shown below:**

**A screenshot of a computer

Description automatically generated with medium confidence**

**A starter network with labelled devices on the screen is presented already without them connected when you open the PKA file.**

**Part 1: Design the Local Area Network**

[paste a screenshot of your final network diagram from Packet Tracer Activity file here]

**Part 2: Create the basic switch configurations**

**2.1 Cable the network in PKA following the Instructions**

**2.2. Configure the basic switch functions following the Instructions**

**2.3 Configure the computers following the Instructions**

**2.4 Test and Validate Connectivity following the Instructions (2.5% of total)**

1. Paste Screenshots of the connectivity tests you ran on the PCs and the Switches in the PKA after configuration

**Part 3: Define the VLANs following the Instructions (2.5% of total)**

Describe how you test and validate the VLAN implementation.

**Part 4: Implement VLAN Trunking following the Instructions (2.5%)**

Describe how you test and validate the VLAN Trunking implementation.