MY CITY INFORMATION PRESENTATION

Objective

Create a digital presentation about your city. Students will collect information, present it using PowerPoint, and create simple Python programs that display related facts and calculations.

Session 1: Preparing the Presentation Content Using PowerPoint

Activities

1. **Creating Slides with City Information**

   ◆ Students will create a PowerPoint presentation titled My City. They will add slides containing information such as:

   ✦ Famous places

   ✦ Special foods

   ✦ Important landmarks

   They will insert titles, text, and pictures on the slides.

2. **Organising Information Using Tables or Charts**

   ◆ Students will add a table or chart to show information such as:

   ✦ Number of parks, schools, and hospitals

   ✦ Population comparison

   ✦ Tourist visits

Outcome for Session 1

A structured PowerPoint presentation containing information and data about the city.

Session 2: Enhancing and Presenting the Slides

Activities

1. **Adding Transitions and Animations**

   ◆ Students will improve the same presentation created in Session 1 by adding slide transitions and animations to the text or images.

2. Running the Slide Show
   - ◆ Students will run the slide show and practise presenting their city information clearly using their slides.

Outcome for Session 2

An interactive PowerPoint presentation ready for demonstration.

Session 3: Creating Python Programs Related to the Project

Activities

1. Displaying City Information Using Python
   - ◆ Students will write a Python program that prints:
     - ✦ Their name
     - ✦ Project title "My City Presentation"
     - ✦ Names of five famous landmarks of their city

2. Performing Calculations Related to the City
   - ◆ Students will write small Python programs to perform calculations related to the project, such as:
     - ✦ Estimating travel distance between places
     - ✦ Calculating temperature conversion for weather data

Outcome for Session 3

Python programs connected to the same city project displaying information and performing simple calculations.

Final Deliverables

Tick (✓) the box if submitted:

- ◆ PowerPoint presentation about the city
- ◆ Presentation with transitions and animations
- ◆ Python program displaying city information
- ◆ Python program performing simple calculations

Final Presentation Statement

This capstone project connects presentation design and basic programming into one continuous learning experience where students create, present, and demonstrate information about their city.