DIGITAL STORY CREATION PROJECT

Objective

Create a short digital story by editing images, creating animation and generating repeated messages using programming tools.

Session 1: Creating Story Images Using GIMP

Activities

1. **Designing Background and Characters**

   Students will start GIMP, create a new file and design images for a short story scene such as a park, classroom or city. They will use selection tools, paintbrush tool, text tool and gradient tool to create the background and characters.

2. **Enhancing Images Using Advanced Features**

   Students will improve the image using layers, filters and correction tools. They will also resize the image and save it properly so that it can be used in the next session.

Outcome for Session 1

A set of edited images that will be used as scenes for the animation.

Session 2: Creating Animation Using Tupi 2D

Activities

1. **Creating a New Animation Project**

   Students will open Tupi 2D, create a new project and import the images created in Session 1. They will organise images using layers and frames.

2. **Animating the Story Scene**

   Students will create a simple animation using exposure sheet and tween. They may animate a character walking, a sun rising or a car moving across the scene.

Outcome for Session 2

A short animated scene created from the images designed in Session 1.

Session 3: Adding Program Logic Using Python

Activities

1. **Writing a Python Program for Story Messages**

   Students will write a Python program using the for loop or while loop to display story messages or dialogues such as greetings, narration or repeated instructions.

2. **Creating Pattern or Repeated Output**

   Students will create another Python program using loops and jump statements to print patterns or repeated lines related to the story.

Outcome for Session 3

Python programs that generate repeated story messages supporting the animation

Final Deliverables

Tick (✓) the box if submitted:

- ◆ Edited images created using GIMP
- ◆ Animated scene created using Tupi 2D
- ◆ Python program using loops
- ◆ Python program displaying repeated messages

Final Presentation Statement

This capstone project connects image editing, animation and programming into one continuous learning experience where students design graphics, animate scenes and use programming to display digital story messages.