Practical 2: **Career-Oriented Presentation**

Aim:
   To create a career presentation using slides, transitions, and animations.

Objectives:
   • To design a multi-slide professional presentation
   • To apply transitions and animations

Materials Required:
   • PowerPoint or Google Slides

Procedure:
Open a blank presentation
Launch PowerPoint/Google Slides and select the option to create a new blank presentation.
This opens a fresh workspace where you will design your slides.

Create a title slide
Insert a title slide layout and add the presentation title along with your name or subtitle.
Ensure the title is clear, readable, and visually centered on the slide.

Add minimum 7 slides
Use the "New Slide" option to insert at least seven additional slides with appropriate layouts.
Each slide should focus on a single topic or idea for clarity.

Insert images, icons, and bullet points
Add relevant images and icons to visually support your content.
Use bullet points to present information in a structured and easy-to-read format.

Apply a theme
Choose a professional theme from the design options available in the software.
The theme will automatically set consistent fonts, colors, and backgrounds.

Add transitions and animations
Apply slide transitions for smooth movement between slides.
Add animations to text or images to enhance the presentation without overusing effects.

SOFTWARE DEVELOPER

ABOUT.

A Software developer designs ,builds ,and maintains computer applications and systems.

They create software that solves problems or makes tasks easier.

Software developers are the creative minds behind the apps and programs we use every day.

ROADMAP

- ❑ LEARN PROGRAMMING BASICS
- ➢ START WITH ONE LANGUAGE(C,C++,JAVA, OR PYTHON)
- ❑ MASTER DATA STRUCTURE AND ALGORITHMS
- ➢ BUILD LOGIC AND PROBLEM-SOLVING SKILLS
- ❑ CHOOSE A SPECIALIZATION
- ➢ WEB, MOBILE, AI, OR GAME DEVELOPMENT
- ❑ BUILD REAL PROJECTS
- ➢ CREATE APPS, WEBSITES, OR TOOLS AND UPLOAD TO GITHUB
- ❑ GAIN EXPERIENCE
- ➢ INTERNSHIPS OR OPEN- SOURCE WORK

ROLES AND RESPONSIBILITIES

- Analyze user needs and design solutions.
- Write clean, efficient, and maintainable code.
- Test and debug applications.
- Collaborate with designers, analysts, and testers.
- Maintain and update existing software.

Developer Icons for PowerPoint

ESSENTIAL SKILLS

- PROGRAMMING LANGUAGES
  (C, C++, JAVA, PYTHON, JAVASCRIPT)
- DATA STRUCTURES AND ALGORITHMS
- SOFTWARE TESTING AND DEBUGGING
- PROBLEM SOLVING AND ANALYTICAL THINKING
- COMMUNICATION SKILLS
- CREATIVITY AND INNOVATION

TYPES OF SOFTWARE DEVELOPERS

- FRONT-END DEVELOPER
- BACK-END DEVELOPER
- FULL-STACK DEVELOPER
- MOBILE APP DEVELOPER
- GAME DEVELOPER

CAREER OPPORTUNITIES

- SOFTWARE ENGINEER
- WEB DEVELOPER
- MOBILE APP DEVELOPER
- GAME DEVELOPER
- DATA SCIENTIST
- AI/ML ENGINEER
- CLOUD DEVELOPER

FUTURE SCOPE

- GROWING DEMAND DUE TO DIGITAL TRANSFORMATION.
- EMERGING FIELDS : AI,CYBERSECURITY, CLOUD COMPUTING.
- OPPORTUNITY TO WORK GLOBALY AND REMOTELY.
- LIFELONG CAREER GROWTH THROUGH INNOVATIN AND TECHNOLOGY.