

PYTHON GAME DEVELOPMENT COURSE

Duration: 120 Hours

0731-4069788,7805063968

PYTHON
TKINTER
GAME

PYTHON

- ❖ History, Features, Setting up path, Working with Python, Basic Syntax.
- ❖ Input and Output in Python
- ❖ Variable and Data Types, Operator.
- ❖ Conditional Statements, Loop, Break, Continue, Pass
- ❖ String Manipulation
- ❖ LIST, Tuple, Dictionary, Set
- ❖ USER DEFINE Functions
- ❖ File handling
- ❖ Exception handling
- ❖ OOPS Concept in Python
- ❖ Data Abstraction and Data Encapsulation
- ❖ Polymorphism and Inheritance
- ❖ Magic Function in Python
- ❖ Decorator in Python
- ❖ Monkey patching concept in Python?
- ❖ How to import and export excel and CSV File in Python
- ❖ Module in Python
- ❖ Multithreading

TKINTER

- ❖ What is GUI Application, What is TKINTER?
- ❖ TKINTER Layout
- ❖ TKINTER WIDGET
- ❖ Event Handling in TKINTER

PYGAME SYLLABUS

Background and Setup
 Basic PyGame Program
 PyGame Concepts
 Initialization and Modules
 Displays and Surfaces
 Images and Rects

Basic Game Design
Importing and Initializing PyGame
Setting Up the Display
Setting Up the Game Loop
Processing Events
Drawing on the Screen
Using .blit() and .flip()
Sprites
Players
User Input
Enemies
Sprite Groups
Custom Events
Collision Detection
Sprite Images
Altering the Object Constructors
Adding Background Images
Game Speed
Sound Effects



Visit us:- H.O. M-6, 1ST Floor Kanchan Sagar Near Industry House 0731-4069788, 7805063968
www.kangaroosoftware.net, www.shivaconceptsolution.com