

**WORKSHOP PROGRAM
MAPPED TO
MICROSOFT
CERTIFICATION
EXAM 98-381**



What is OOP?

Basic class

More examples: Car Class

Constructor kwargs

inheritance

Override method

Create new Model

Convert Database connection file to OOP Class

INTRODUCTION AND SETUP THE ENVIRONMENT

Install python on Windows

Install python on Mac

Install python on Ubuntu

Exercise files

VARIABLES AND OBJECTS PROGRAM

Concept

Variables Concept

Python variables

Python is Objects

Strings

Comments

OPERATIONS AND PRIORITIES

Math operations

DECISION MAKING

Simple IF

IF-Else

IF-ElseIF

Nested IF

Round app

LOOP CONTROL

While Loop
Simple For Loop
Nested For Loop
Break and Continue
what is output

FUNCTIONS

Python Syntax || spacing || Main method
Simple Function Global and Local Variables
lambda expressions.
Robot moves

STORAGE FILES

Exceptions: Try-Catch

File Write

File Read

DATABASE II USE SQLITE

Create Sqlite database and table

Add Record to the Table

Select data from Table

Delete Record from Table

Update tables and enhance code

PROJECT WORK

