

THE CVM UNIVERSITY
INSTITUTE OF SCIENCE & TECHNOLOGY FOR ADVANCED STUDIES &
RESEARCH (ISTAR)

DEPARTMENT OF COMPUTER SCIENCE (A.Y. 2024-2025)

MASTER IN COMPUTER APPLICATION (MCA)

SEMESTER - I

SUBJECT: MINI PROJECT BASED ON PYTHON PROGRAMMING
[DIWALI BREAK ASSIGNMENT]

Submission Date: 11th November, 2024

ENROLLMENT NO.	PROJECT DEFINITIONS	REMARKS GIVEN BY STAFF
22401550301001	Mad Libs Generator in Python	
22401550301002	Python Number Guessing Game	
22401550301003	Countdown Timer in Python	
22401550301004	Python Password Generator	
22401550301005	Create Contact Book using Python	
22401550301006	Binary search algorithm in Python	
22401550301007	Web Browser Python Project	
22401550301008	Create Typing Tester using Python	
22401550301009	Measurement Converter Project in Python	
22401550301010	Python Weather Program	
22401550301011	Pong Game in Python	
22401550301012	Flames Game in Python	
22401550301013	Python 2048 Game	
22401550301014	Python Snake Game	
22401550301015	Create Sudoku Solver using Python	
22401550301016	Python Tic-Tac-Toe Game	
22401550301017	Dice Rolling Simulator using Python	
22401550301018	Hangman Game in Python	
22401550301019	Rock Paper Scissors Game in Python	
22401550301020	Create Memory Puzzle Game in Python	
22401550301021	Python Calculator	
22401550301022	Python QR Code Encoder/ Decoder Project	
22401550301023	Video to Audio Converter Python Project	
22401550301024	Python YouTube Downloader	
22401550301025	Visualise a Solar System using Python	
22401550301026	Shutdown, Restart and Logout Computer with Python	
22401550301027	Shop Management System Python Project	
22401550301028	Voice Assistant Python Project	
22401550301029	Convert PDF File Text to AudioBook & Speech to PDF using Python	
22401550301030	Extract Song Lyrics in Python	
22401550301031	Website Connectivity Checker Python Project	
22401550301032	Convert Text to Speech and Speech to Text with Python	
22401550301033	Python Currency Converter	
22401550301034	Music Player Python Project	
22401550301035	Language Translator Python Project	

22401550301036	Python To-Do List	
22401550301037	Python Text Editor	
22401550301038	Mad Libs Generator in Python	
22401550301039	Python Number Guessing Game	
22401550301040	Countdown Timer in Python	
22401550301041	Python Password Generator	
22401550301042	Create Contact Book using Python	
22401550301043	Binary search algorithm in Python	
22401550301044	Web Browser Python Project	
22401550301045	Create Typing Tester using Python	
22401550301046	Measurement Converter Project in Python	
22401550301047	Python Weather Program	
22401550301048	Pong Game in Python	
22401550301049	Flames Game in Python	
22401550301050	Python 2048 Game	
22401550301051	Python Snake Game	
22401550301052	Create Sudoku Solver using Python	
22401550301053	Python Tic-Tac-Toe Game	
22401550301054	Dice Rolling Simulator using Python	
22401550301055	Hangman Game in Python	
22401550301056	Rock Paper Scissors Game in Python	
22401550301057	Create Memory Puzzle Game in Python	
22401550301058	Python Calculator	
22401550301059	Python QR Code Encoder/ Decoder Project	
22401550301060	Video to Audio Converter Python Project	
22401550301061	Python YouTube Downloader	
22401550301062	Visualise a Solar System using Python	
22401550301063	Shutdown, Restart and Logout Computer with Python	
22401550301064	Shop Management System Python Project	
22401550301065	Voice Assistant Python Project	
22401550301066	Convert PDF File Text to AudioBook & Speech to PDF using Python	
22401550301067	Extract Song Lyrics in Python	
22401550301068	Website Connectivity Checker Python Project	
22401550301069	Convert Text to Speech and Speech to Text with Python	
22401550301070	Python Currency Converter	
22401550301071	Music Player Python Project	
22401550301072	Language Translator Python Project	

Instructions:

- All Students are instructed to complete mini project definition using any python IDE (e.g. Anaconda-Jupyter or Visual Code)
- To follow installation of Jupyter notebook follow below mentioned link:
<https://sparkbyexamples.com/python/install-anaconda-jupyter-notebook/>
- To submit project prepare power point presentation (.pptx) with live Project.

Faculty Name & Signature:
