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| Python Developer Assessment  Document |

**DOCUMENT VERSION V1.0 = 08-Sep-2020**

# AUTHORS

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# DOCUMENT HISTORY

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| 08-Sep-20 | V1.0 | Creating Draft Document | Suman |
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# APPROVALS

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# Introduction

This document is about Python Development Assessment work to capture the code expiation and output screen short.

# Tool Overview

1. Python Language , Jupiter Notebook , IDEL
2. HTML
3. GIT

# Assessment Explanation & Specifications

## Design a tic-tac-toe game that has two modes

## Pattern Based

I have used the 3 method

print\_board :- print the board 0 to 8

player\_move :- 2 player X and Y

is\_victory :- code logic for 2 players

is\_draw :- log true and false

## Number based

Policy\_Q\_dict.pkl

README.md

States\_tracking.pkl

TCGame\_Env.py

TicTacToe\_Agent.ipynb

# Appendix