

Trivia Game Maze will implement MVC

MVC model is composed of three major components:

The model segment will include:

1a) Model

- a) import json
- b) import panda
- c) import sqlite3
- d) import tkinter

1b) create a table Questions.db

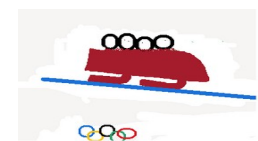
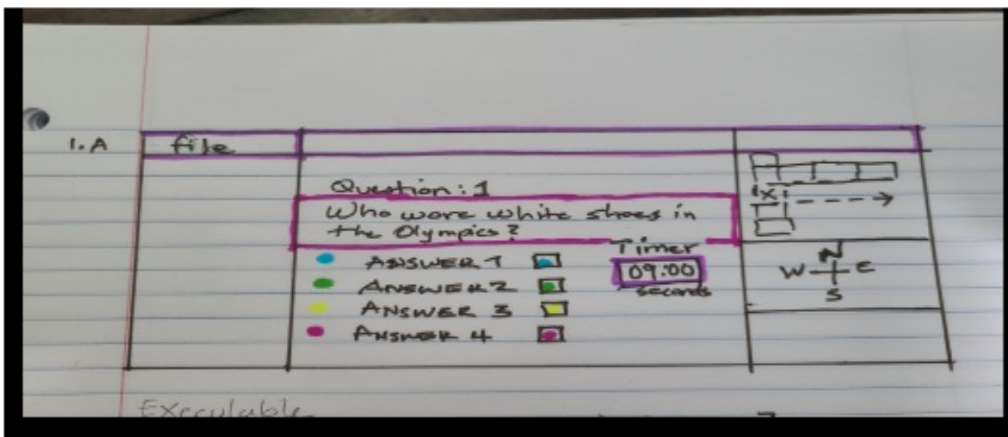
2) View can be thought of the presentation layer or user interface. The section of code shall not present any of the logic. As an example 1 shows

```
# model_view_controller.py
class View(object):

    @staticmethod
    def show_bullet_point_list(item_type, items):
        print('--- {} LIST ---'.format(item_type.upper()))
        for item in items:
            print('* {}'.format(item))

    @staticmethod
    def show_number_point_list(item_type, items):
        print('--- {} LIST ---'.format(item_type.upper()))
        for i, item in enumerate(items):
            print('{} . {}'.format(i+1, item))

    @staticmethod
```



3) Controller: Accepts input and converts it to commands for the model or view

```
# model_view_controller.py
class Controller(object):

    def __init__(self, model, view):
        self.model = model
        self.view = view

    def show_items(self, bullet_points=False):
        items = self.model.read_items()
        item_type = self.model.item_type
        if bullet_points:
            self.view.show_bullet_point_list(item_type, items)
        else:
            self.view.show_number_point_list(item_type, items)
```

This is an over all illustration of the flow of MVC.

