

PLAYER 1



HIGHSCORE 2500



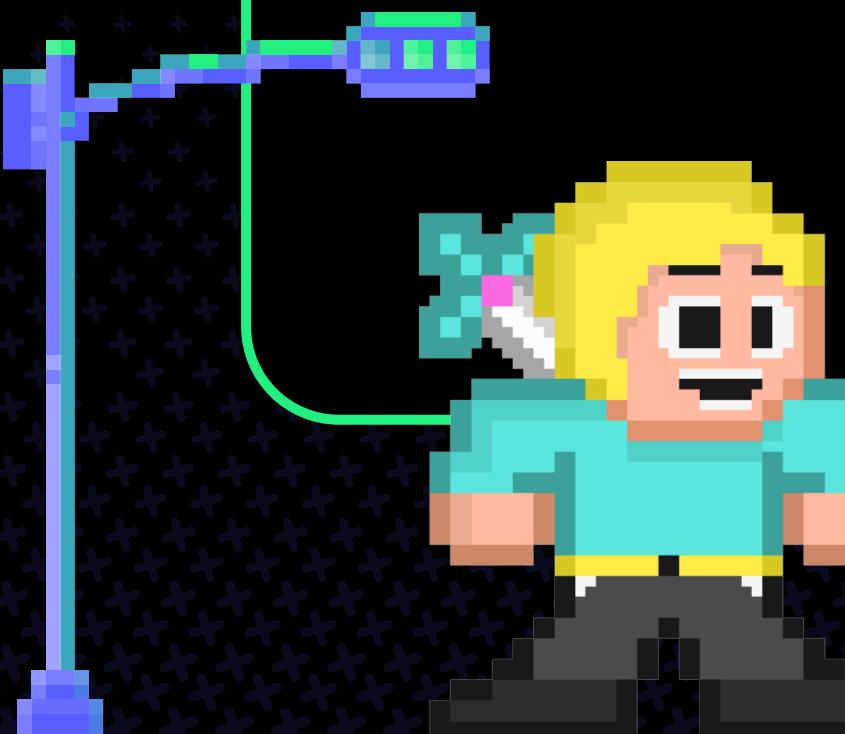
PLAYER 2

# FLAPPY PIG

START

MENU

SIGN IN



PRESENTED BY KONG DARAVISAL



MENU

➡ 01

♦ 07

★ 12

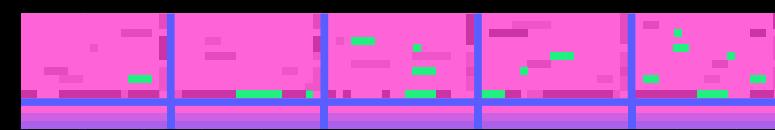


# AGENDA

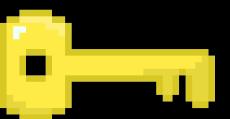
## ◆ TOPICS COVERED



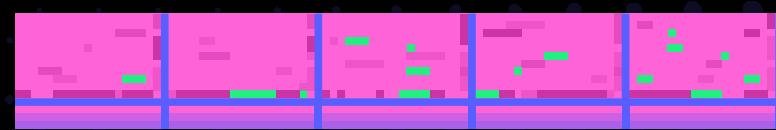
INTRODUCTION



OBJECTIVES



FLOWCHART AND  
DESIGN



ILLUSTRATION



MENU



# INTRODUCTION

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♦ INSPIRED BY FLAPPY BIRD

♦ COMBINING MY INTRUSIVE  
THOUGHT WITH PROGRAMMING

♦ UNIQUE, SIMPLE AND FUN

[BACK TO AGENDA PAGE](#)



01



07



12



# OBJECTIVES



❖ IMPLEMENTING A UNIQUE IDEA INTO A FUN GAME

❖ HANDS-ON PYTHON PROGRAMMING

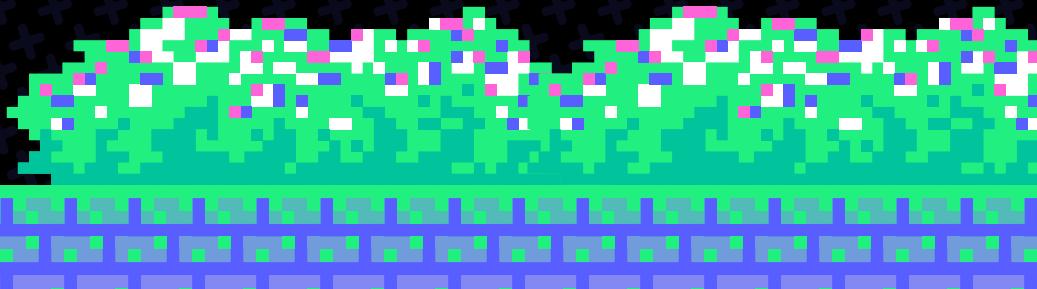
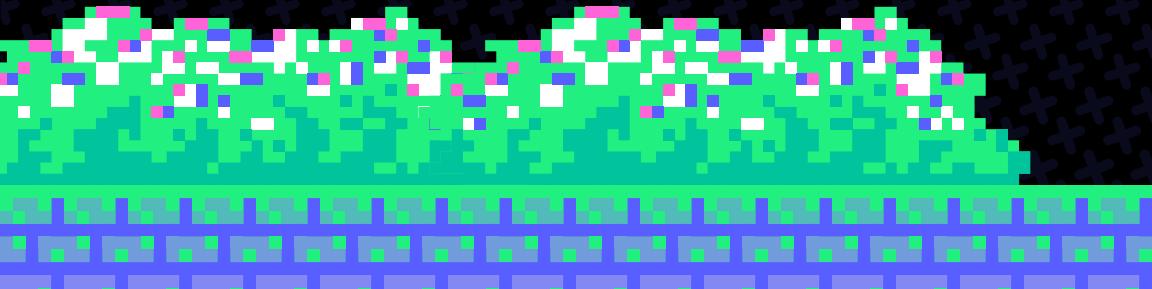
❖ DIVE MORE INTO THE WORLD OF GAME DEVELOPMENT

SIGN IN



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# FLOWCHART AND DESIGN



MENU

➡ 01

♦ 07

★ 12



# 1. START

- ✿ INITIALIZE PYGAME AND REQUIRED LIBRARIES
- SET UP GAME PARAMETERS (E.G., SCREEN DIMENSIONS, FPS, COLORS, FONTS)
- LOAD ASSETS (BACKGROUND, PIG SPRITES, PIPES, GROUND, RESTART BUTTON)



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MENU

01

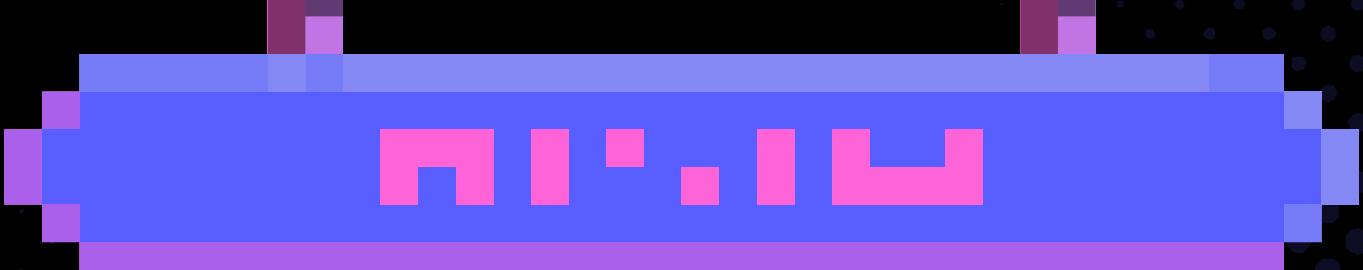
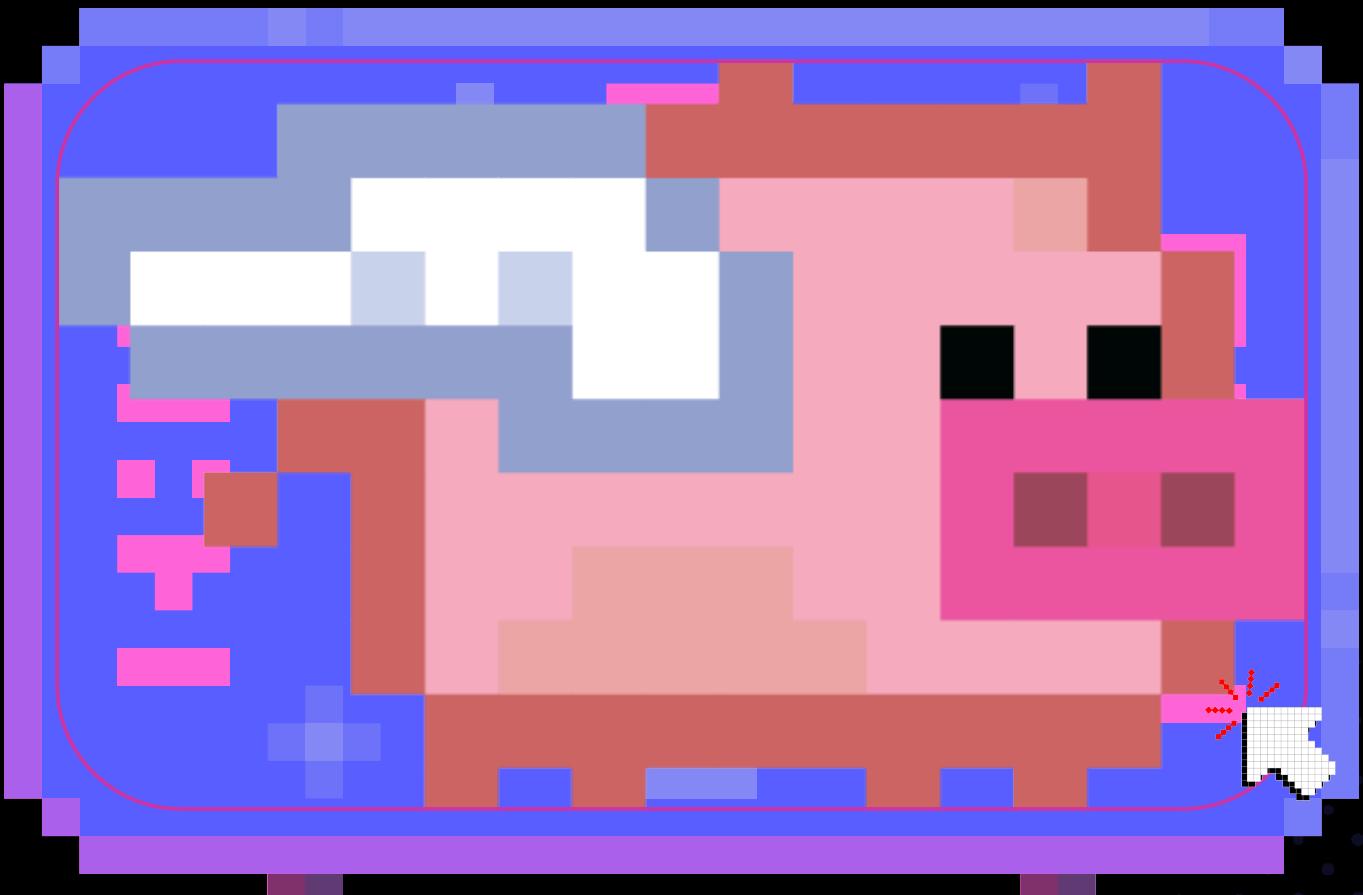
07

12



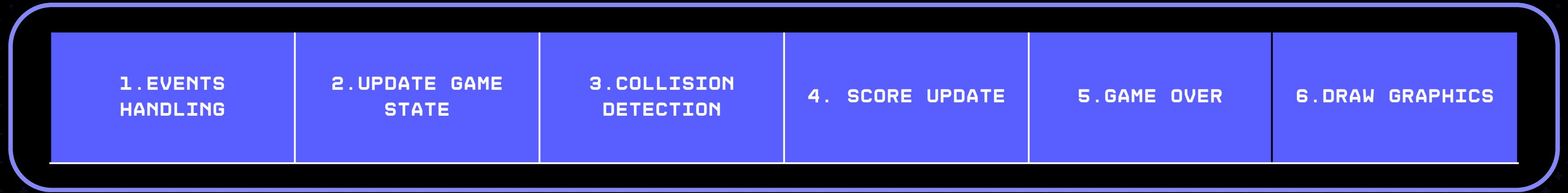
## 2. INITIALIZE OBJECTS

- CREATE PIG CLASS FOR THE PLAYER CHARACTER
- CREATE PIPE CLASS FOR OBSTACLES.
- CREATE A BUTTON CLASS FOR THE RESTART FUNCTIONALITY
- INITIALIZE SPRITE GROUPS FOR PIGS AND PIPES



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# 3. GAME LOOP



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Highlight two or more cells, right-click then choose "Merge Cells" to organize your table according to your needs!

MENU

➡ 01

♦ 07

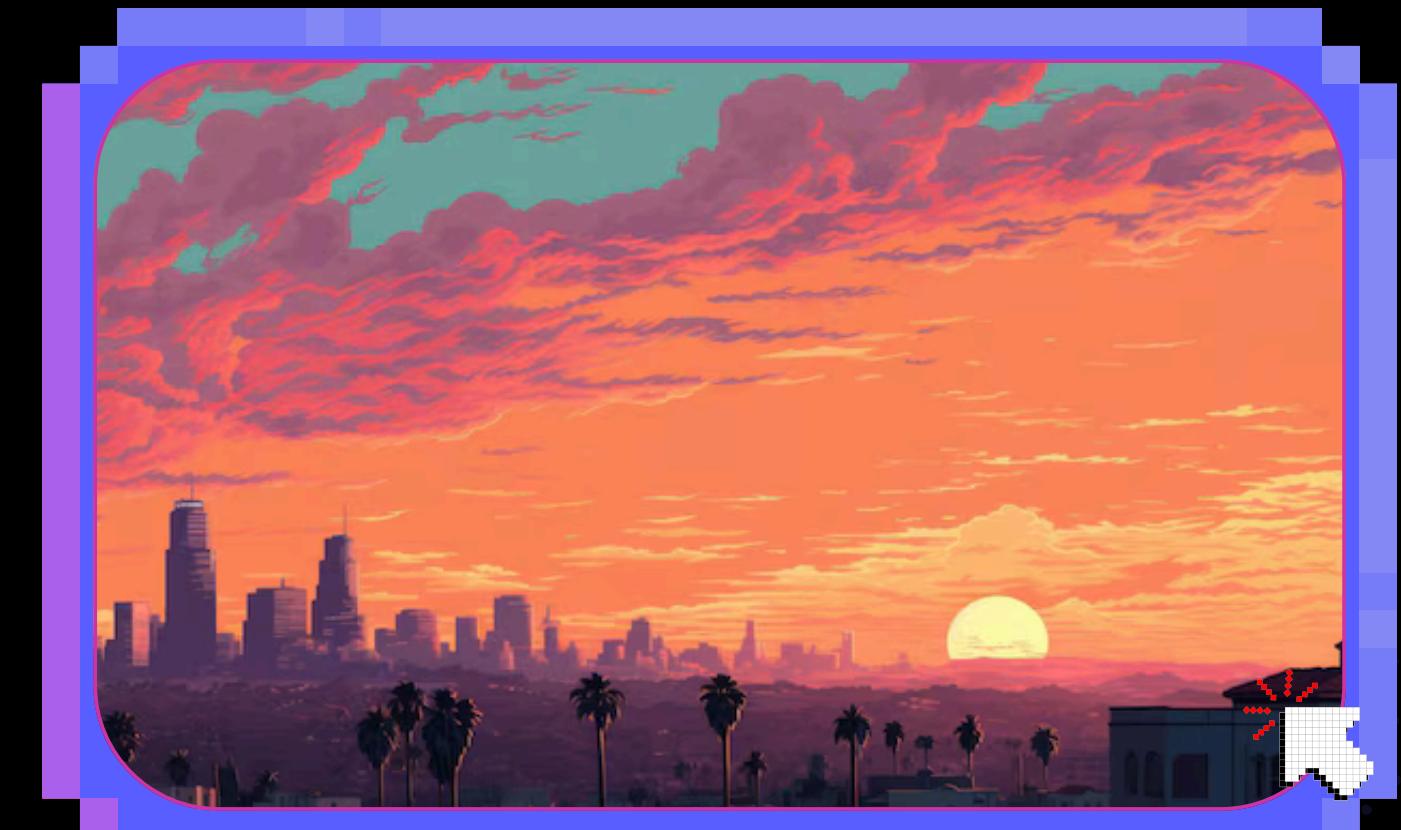
★ 12



# 4.END GAME

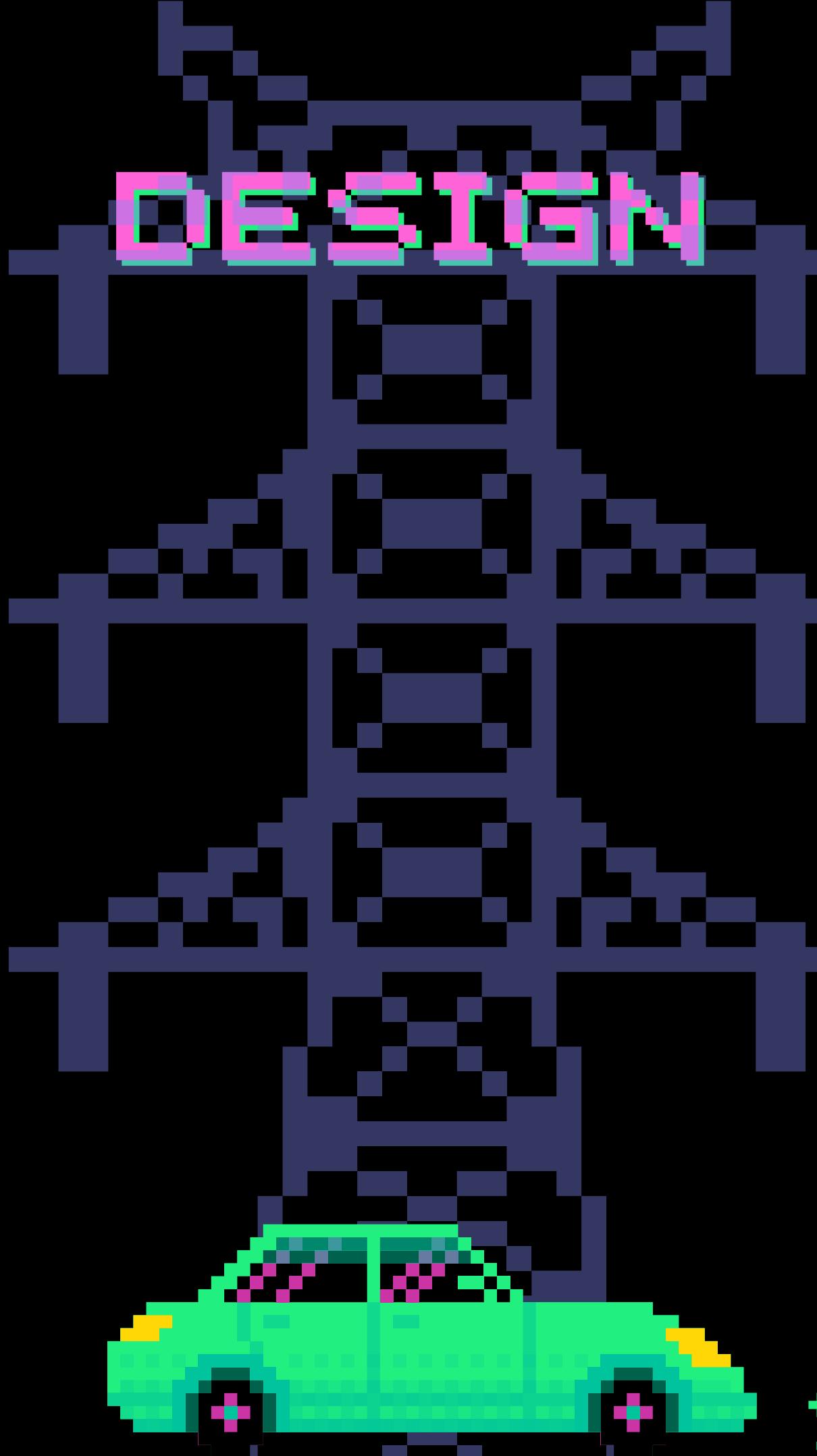


QUIT PYGAME AND ASK FOR RESTART



R.I.P.

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# DESIGN

GAMEPLAY  
MECHANICS

GRAPHICS AND  
ANIMATION

SCORE SYSTEM

GAME OVER  
HANDLING

SIGN IN



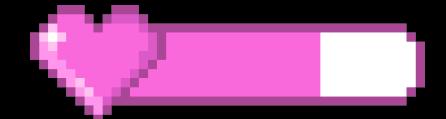
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# ILLUSTRATION



MENU



THANK YOU!

# REFERENCES

[HTTPS://YOUTU.BE/GIUGVOQQCKG?SI=YYUGVP0SATOFCNYY](https://youtu.be/giugvoqqckg?si=yyugvp0satofcnyy)

[HTTPS://YOUTU.BE/SGDAYI\\_QAVG?SI=6QN\\_TW6PFTMGVP6\\_](https://youtu.be/sgdayi_qavg?si=6qn_tw6pftmgvp6_)

[HTTPS://YOUTU.BE/\\_7ER9KQWPG4?SI=DTXVNVP-1OH6WH\\_S](https://youtu.be/_7er9kqwpG4?si=dtxvnvp-1oh6wh_s)

[HTTPS://YOUTU.BE/9Bwgfwg7gc8?SI=HESGRIUACD29JNH7](https://youtu.be/9bwgfwg7gc8?si=hesgriuacd29jnh7)

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[HTTPS://YOUTU.BE/AQJCLFEMSS4?SI=IAURJCEI4A\\_QXE9T](https://youtu.be/aqjclfemss4?si=iaurjcei4a_qxe9t)

[HTTPS://GITHUB.COM/RUSSS123/FLAPPY\\_BIRD.GIT](https://github.com/Russs123/Flappy_Bird.git)

[HTTPS://GITHUB.COM/ADAMVANHOEWIJK/FLAPPY\\_PIG.GIT](https://github.com/adamvanhoewijk/Flappy_Pig.git)