

PLAYER 1



HIGHSCORE 2500



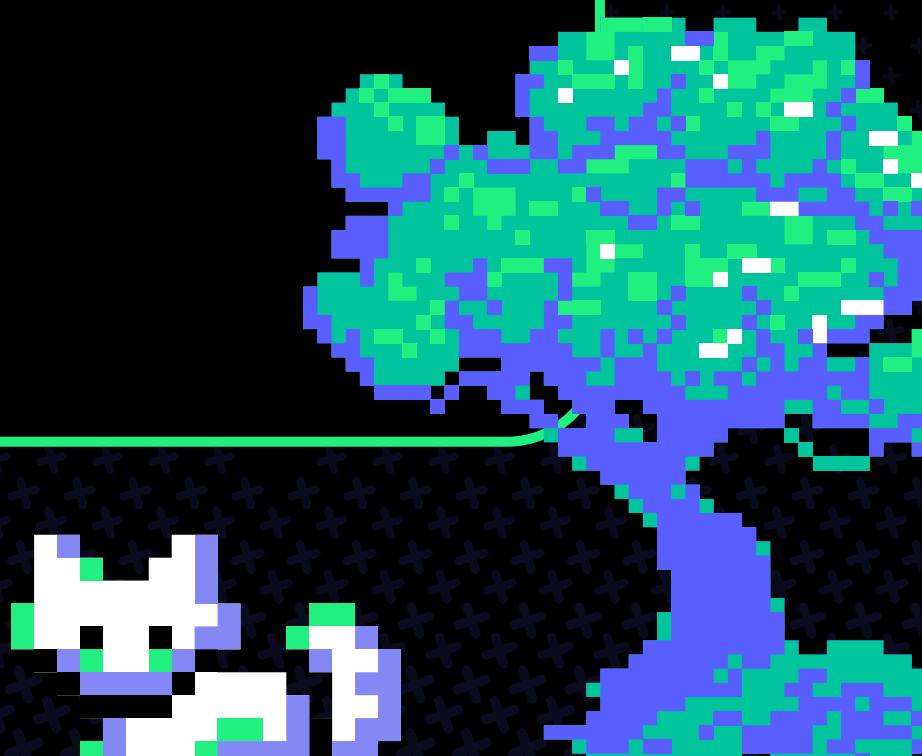
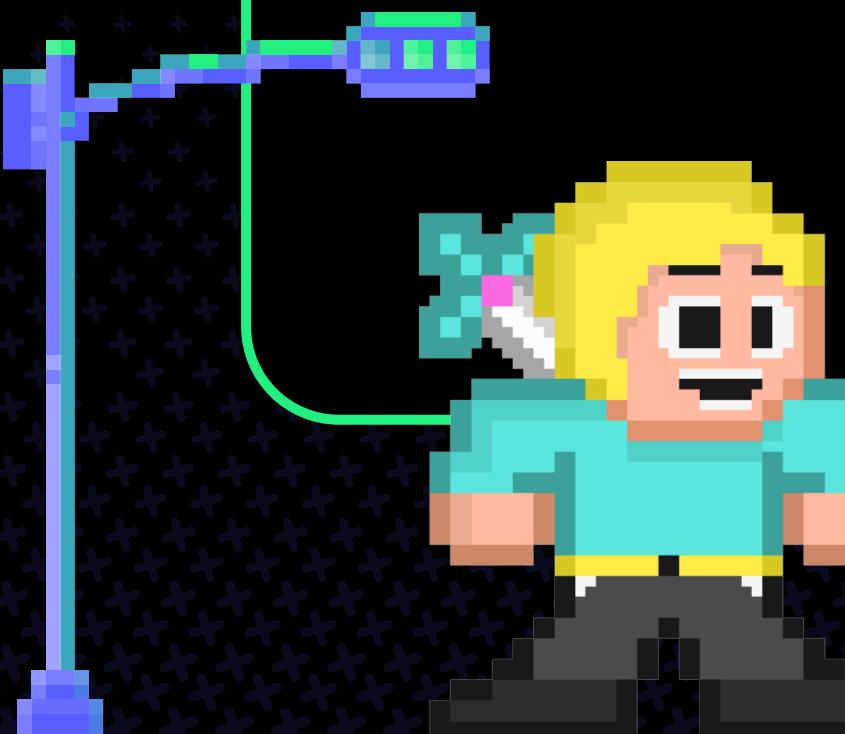
PLAYER 2

# FLAPPY PIG

START

MENU

SIGN IN



PRESENTED BY KONG DARAVISAL

MENU

➡ 01

♦ 07

★ 12



# AGENDA

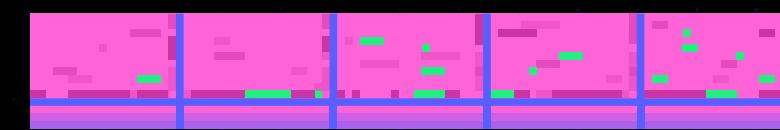
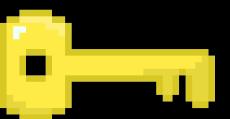
## ◆ TOPICS COVERED



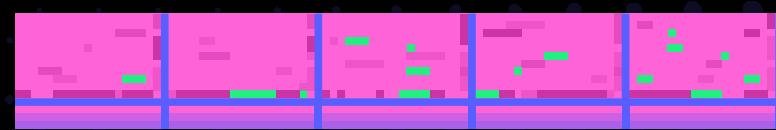
INTRODUCTION



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

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01



07



12



# OBJECTIVES



❖ IMPLEMENTING A UNIQUE IDEA INTO A FUN GAME

❖ HANDS-ON PYTHON PROGRAMMING

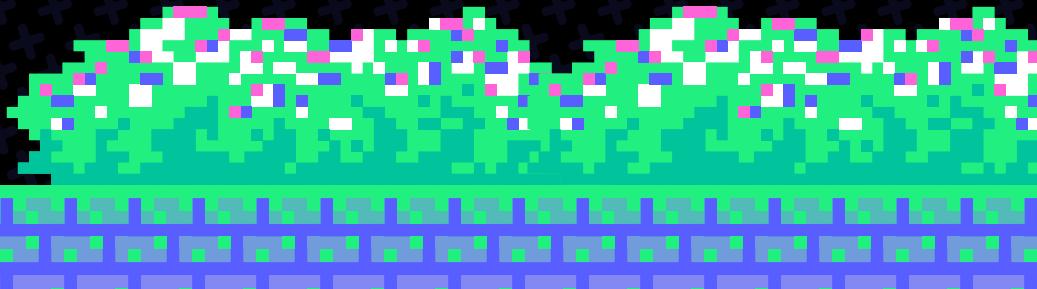
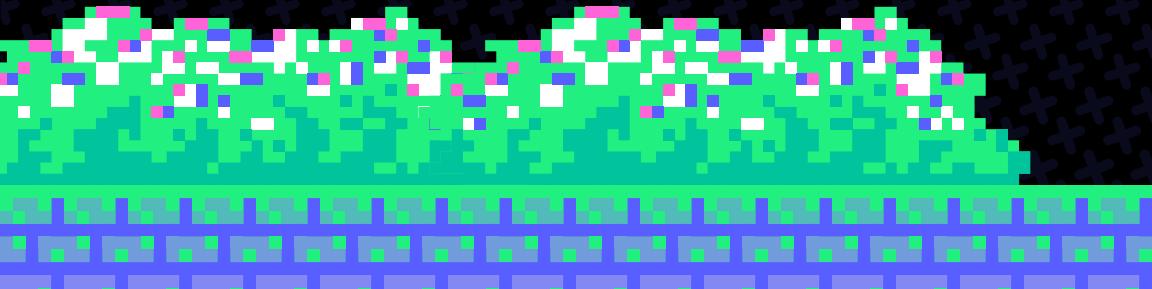
❖ DIVE MORE INTO THE WORLD OF GAME DEVELOPMENT

SIGN IN



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# FLOWCHART AND DESIGN



MENU

➡ 01

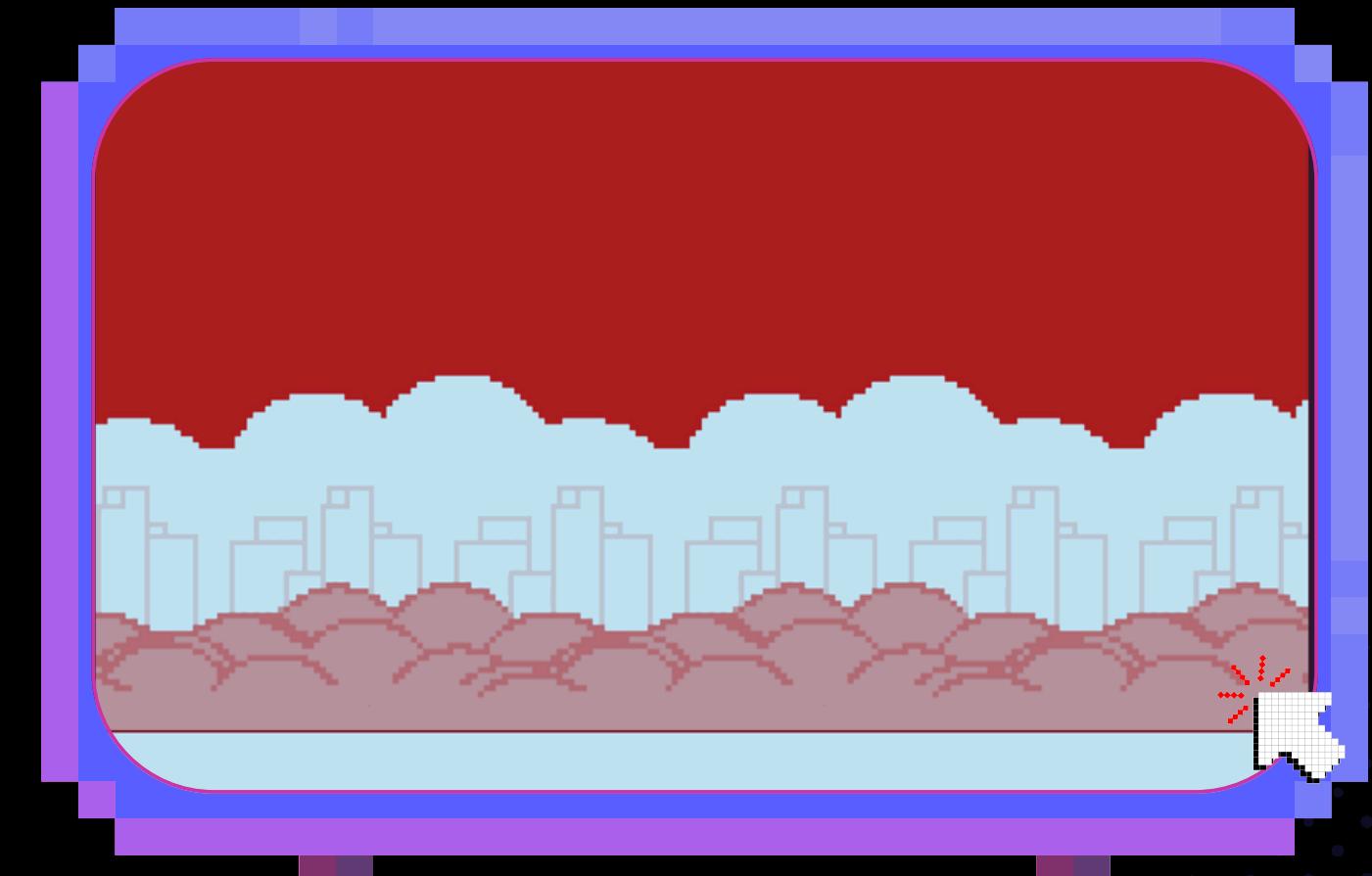
♦ 07

★ 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

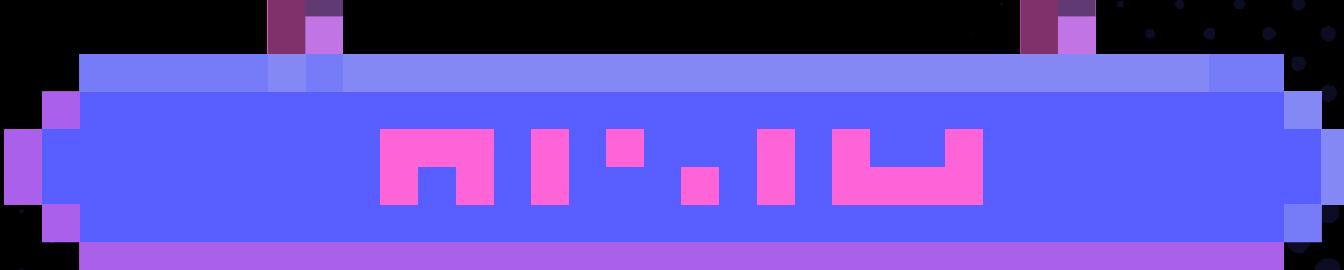
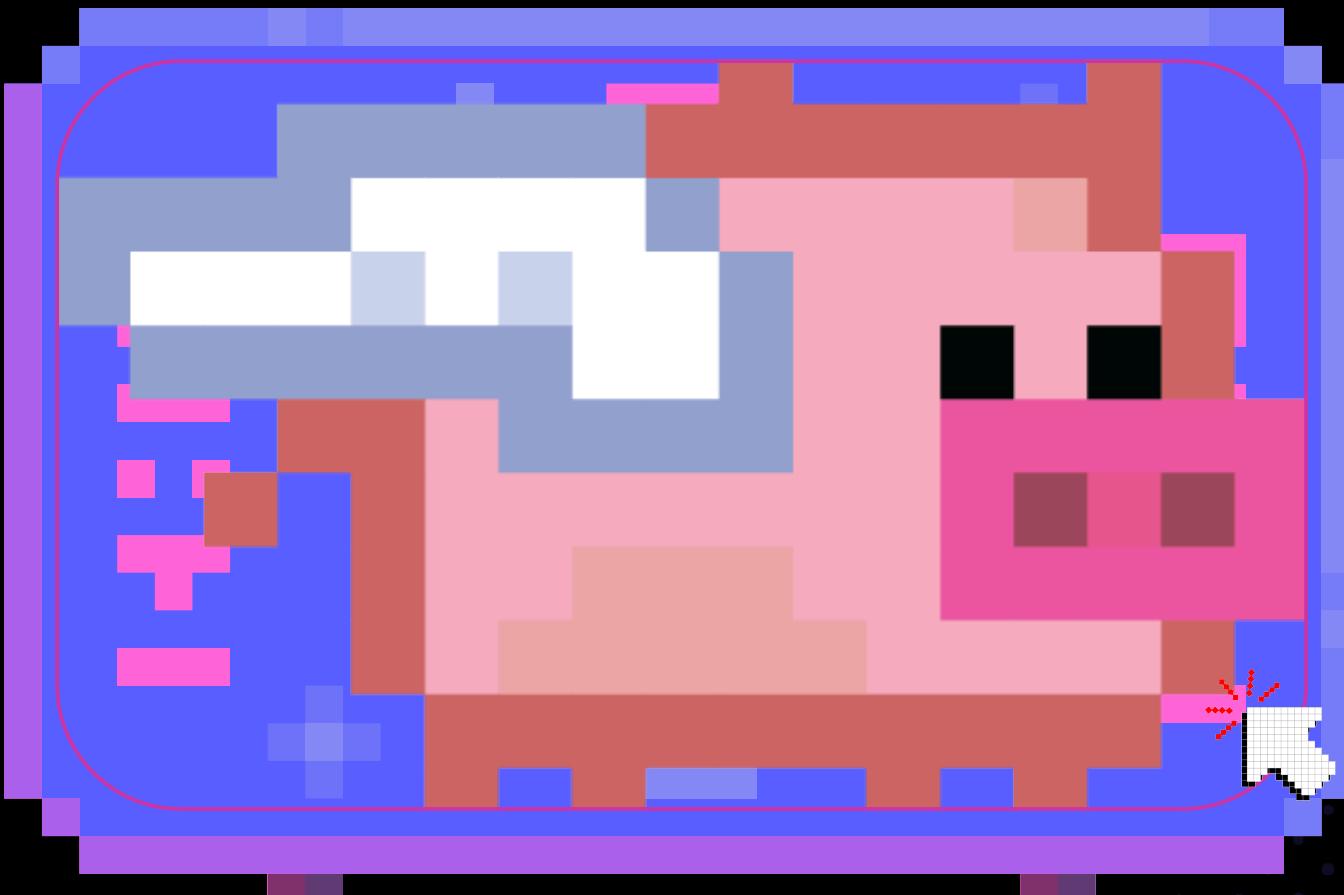
07

12



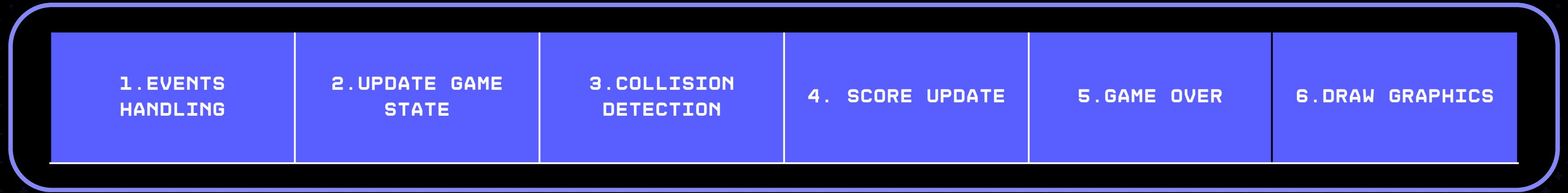
## 2. INITIALIZE OBJECTS

- 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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MENU

➡ 01

♦ 07

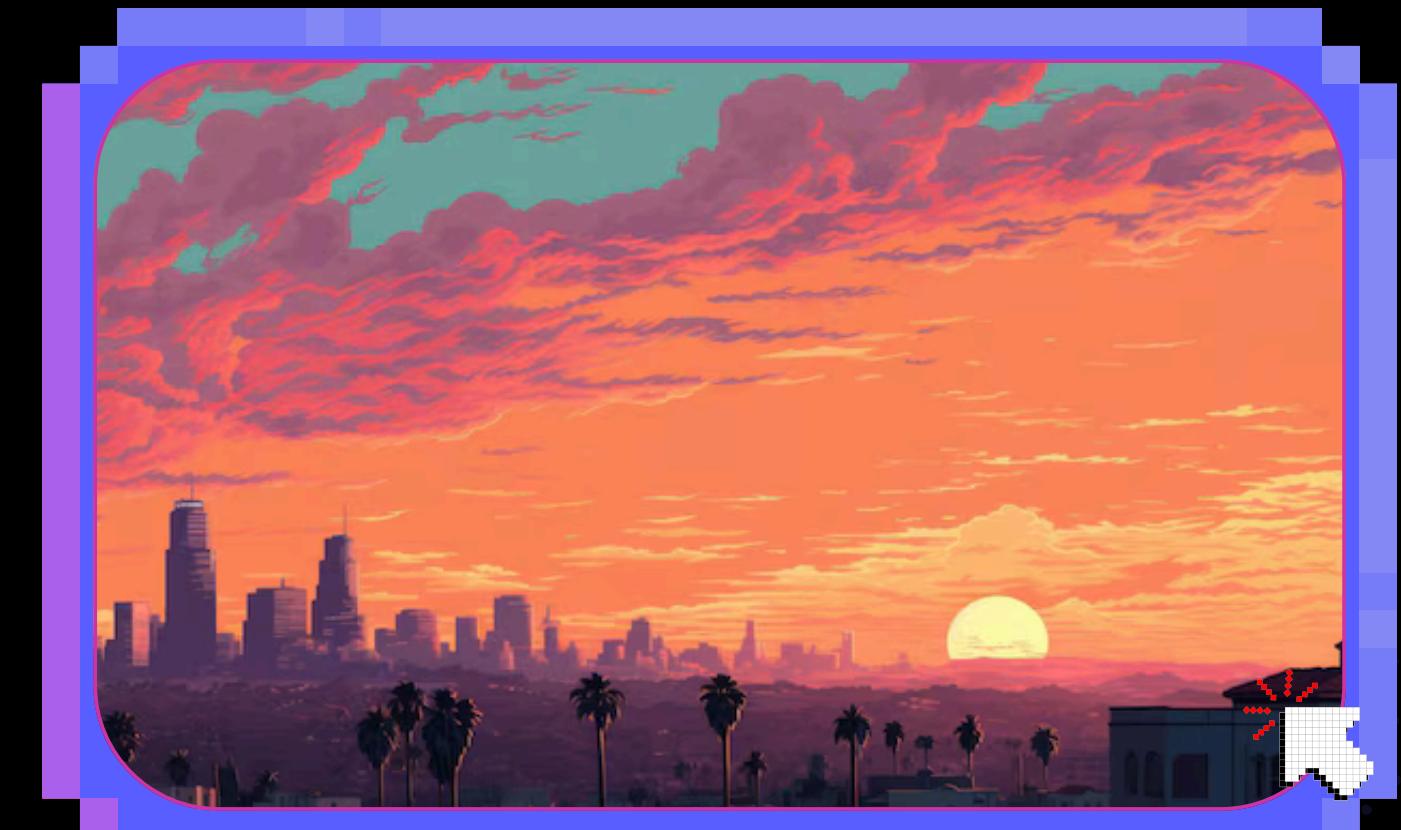
★ 12



# 4.END GAME

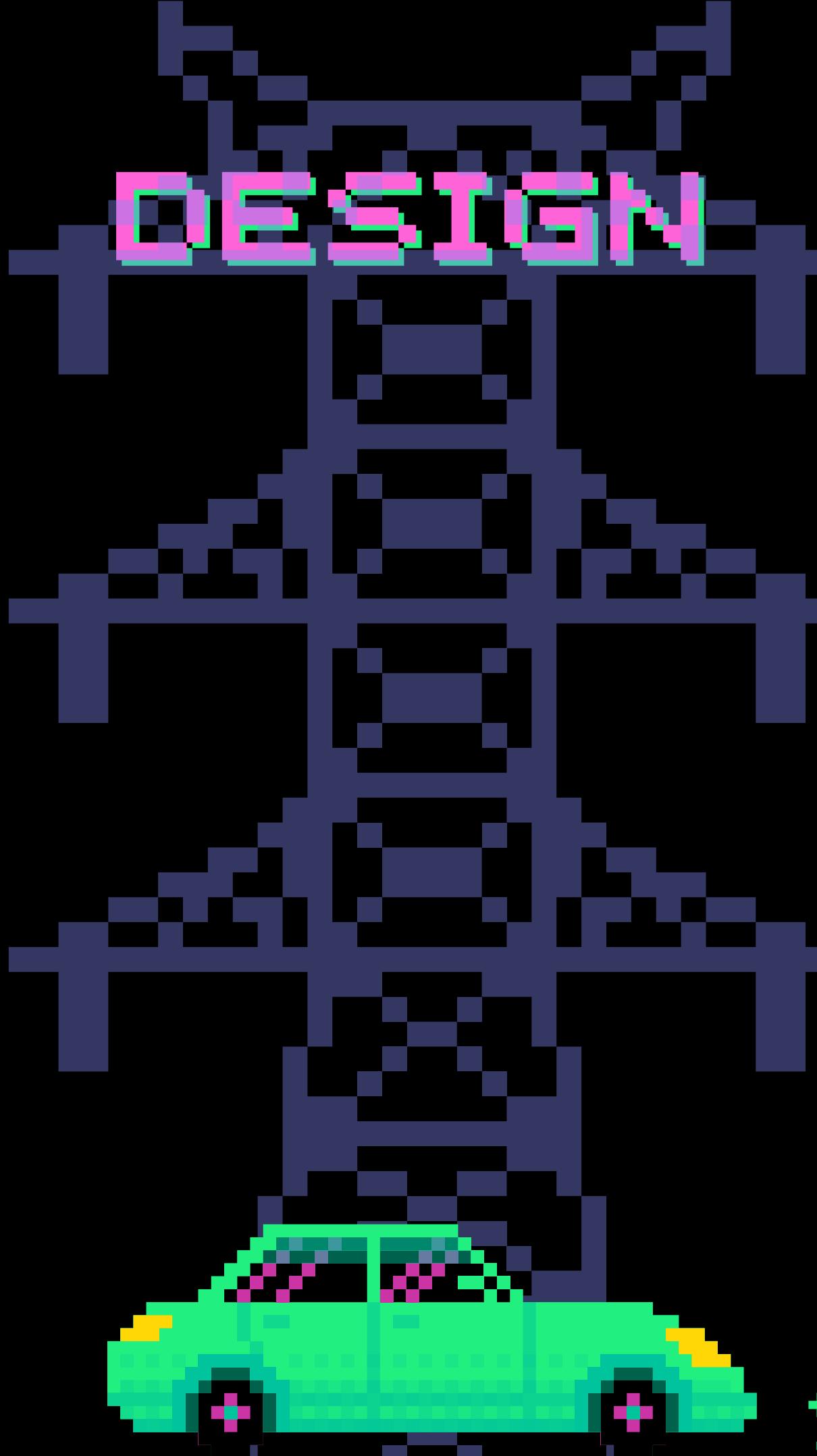


QUIT PYGAME AND ASK FOR RESTART



R.I.P.

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# DESIGN

GAMEPLAY  
MECHANICS

GRAPHICS AND  
ANIMATION

SCORE SYSTEM

GAME OVER  
HANDLING

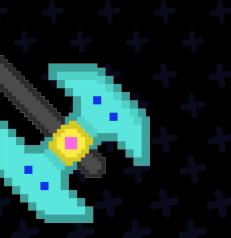
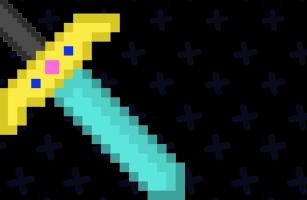
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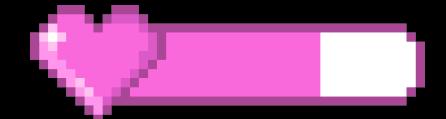
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# ILLUSTRATION



MENU



THANK YOU!

# REFERENCES

[HTTPS://youtu.be/GIUGVOQQCKG?si=YYUGVPOSATOFCNYY](https://youtu.be/GIUGVOQQCKG?si=YYUGVPOSATOFCNYY)

[HTTPS://youtu.be/SGDAYI\\_QAVG?si=6QN\\_TW6PFTMGVP6\\_](https://youtu.be/SGDAYI_QAVG?si=6QN_TW6PFTMGVP6_)

[HTTPS://youtu.be/\\_7ER9KQWPB4?si=DTXVNVP-10H6WH\\_S](https://youtu.be/_7ER9KQWPB4?si=DTXVNVP-10H6WH_S)

[HTTPS://youtu.be/9BWGFWG7GC8?si=HESGRIUDCDZ9JNH7](https://youtu.be/9BWGFWG7GC8?si=HESGRIUDCDZ9JNH7)

[HTTPS://youtu.be/-BIMOUQ8CJ8?si=WJ-7I\\_LBR3ENPSSJ](https://youtu.be/-BIMOUQ8CJ8?si=WJ-7I_LBR3ENPSSJ)

[HTTPS://youtu.be/AQJCLFEMSS4?si=IAURJCEI4A\\_QXE9T](https://youtu.be/AQJCLFEMSS4?si=IAURJCEI4A_QXE9T)

[HTTPS://github.com/RUSSSI23/FLAPPY\\_BIRD.GIT](https://github.com/RUSSSI23/FLAPPY_BIRD.GIT)

[HTTPS://github.com/ADAMVANHOEWIJK/FLAPPY\\_PIG.GIT](https://github.com/ADAMVANHOEWIJK/FLAPPY_PIG.GIT)