





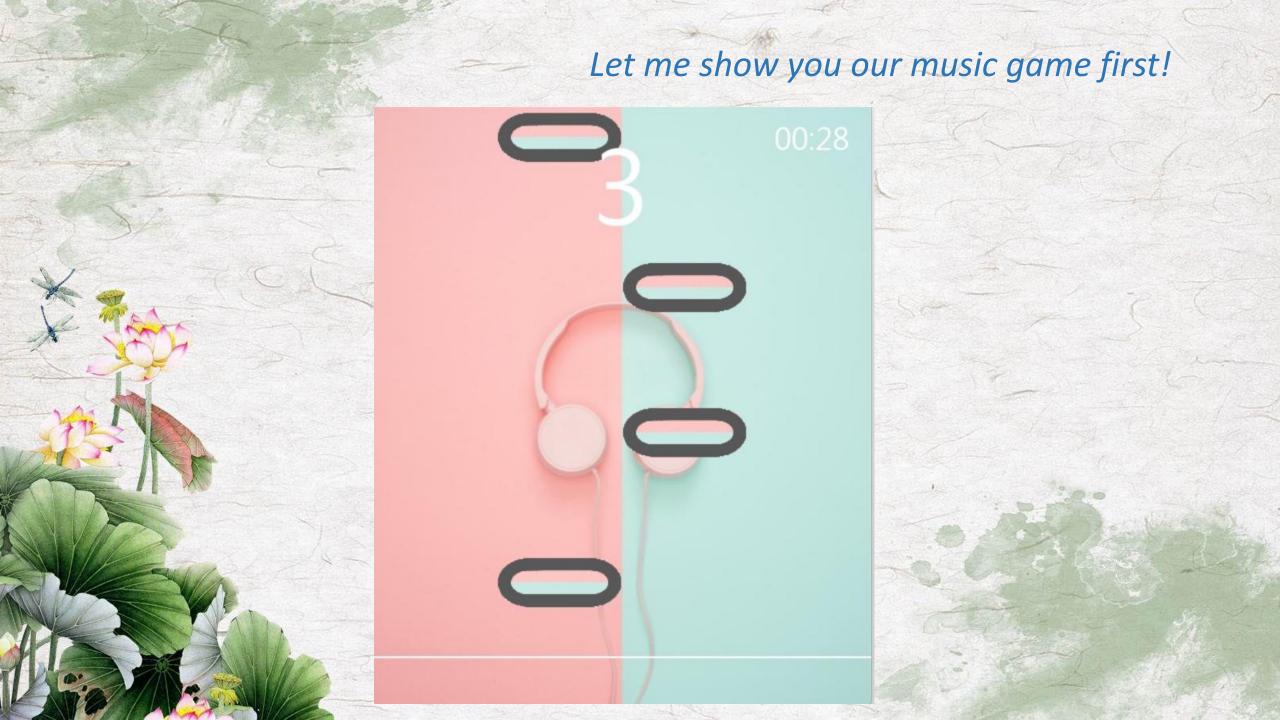
## Final Project Presentation

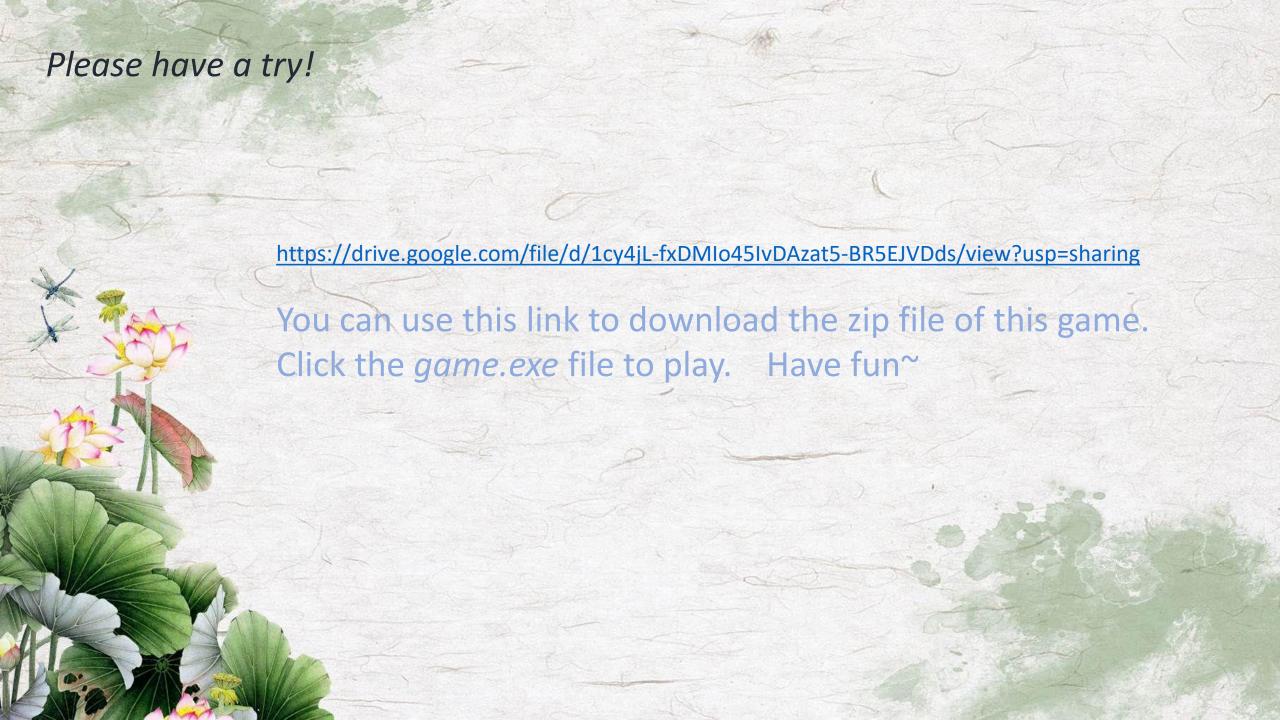
of Fundamental Programming for Digital Music and Sound Synthesis

Group: 8

G B

40773003H WEI-TING, SYU 40840305S SHIH-CHENG CHEN 40773008H YU-HAO, TSAI

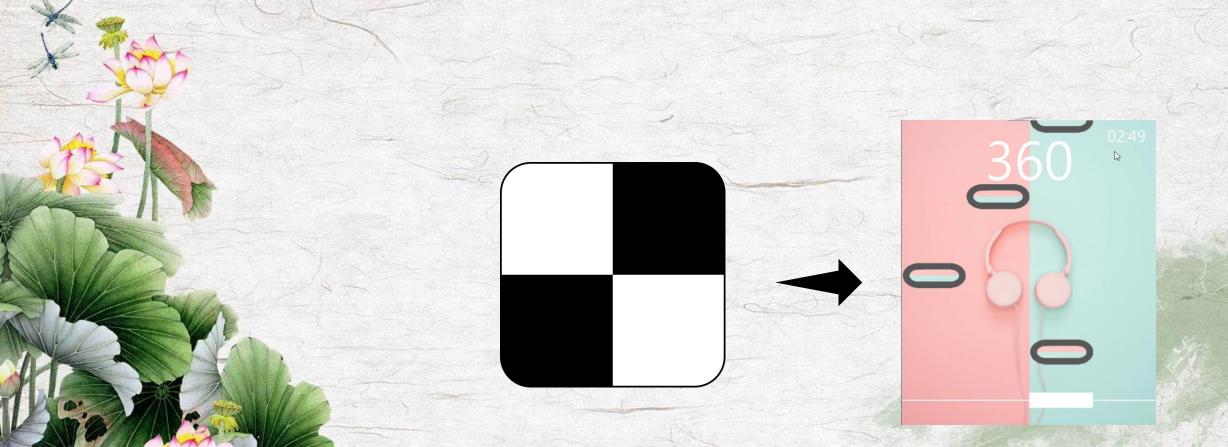


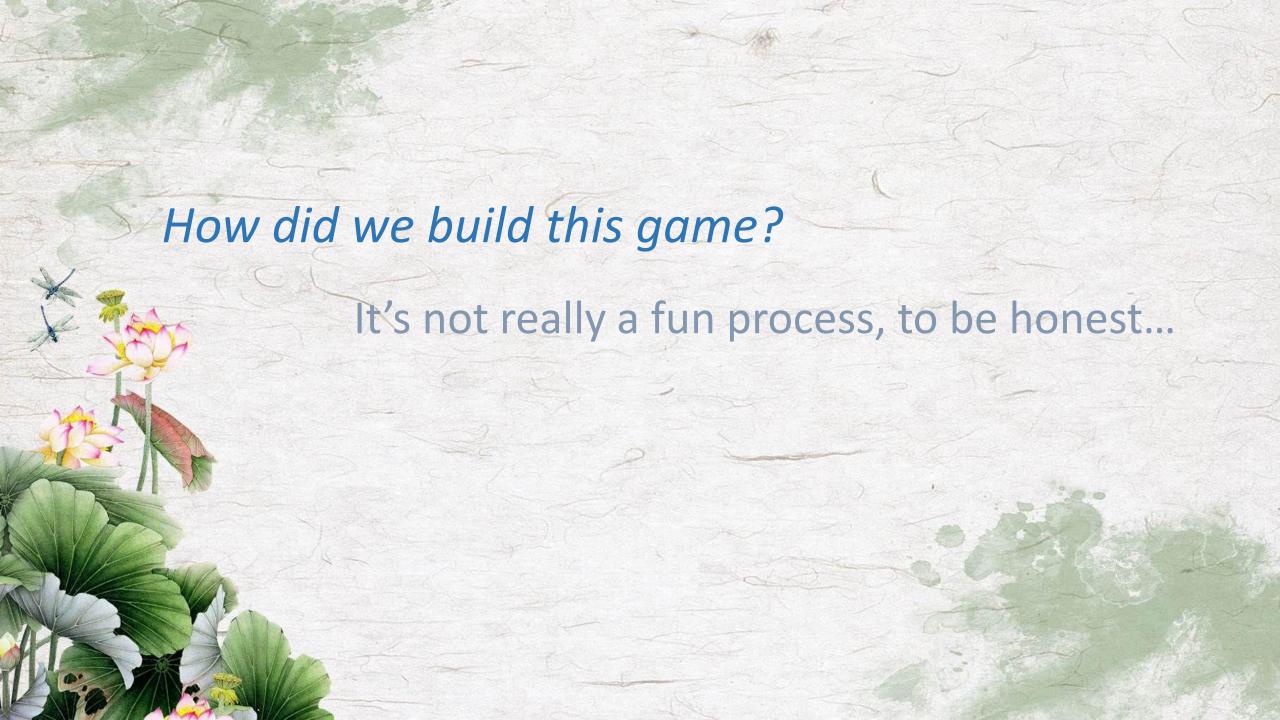


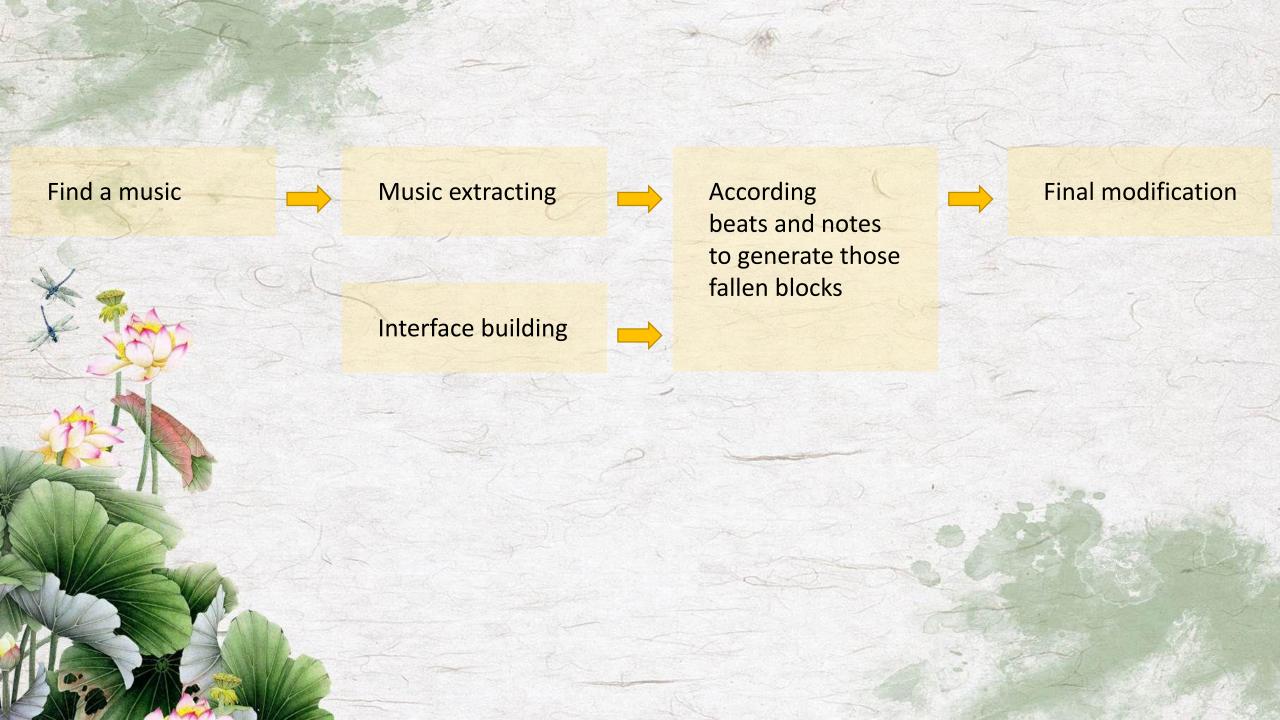
## Introduction

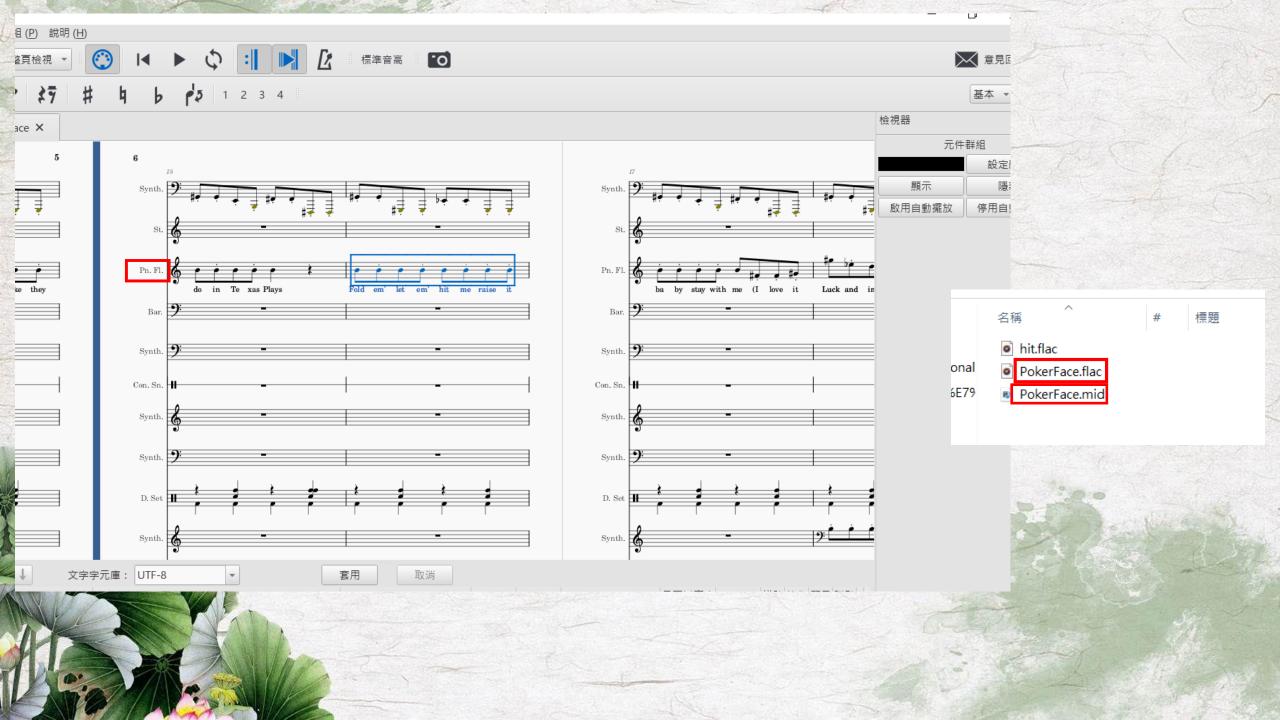
We came up with this game from a famous little game called "Don't Tap The White Tile". The music we use is Lady GaGa's "Poker Face".

We use Python to make this game.









```
beats = getBeats('sound/PokerFace.mid')
notes = getNotes('sound/PokerFace.mid')
if(counter >= beats[index]):
     if(notes[index] != -1):
          stone = Stone(midinum=notes[index])
          all_sprites.add(stone)
          stones.add(stone)
# game initialization and create windows
pygame.init()
screen = pygame.display.set mode((WIDTH, HEIGHT))
clock = pygame.time.Clock()
# Name
pygame.display.set caption("抖音一響 父母白養")
# img
background img = pygame.image.load(os.path.join("img", "background.jpg")).convert()
```

stone\_img = pygame.image.load(os.path.join("img", "stone.png")).convert()



Windows (C:) > 使用者 > USER > 下載 > ver2.1 > img



```
running = True
show init = True
offset = 0.9225
counter = 0.0
index = 0
beats = getBeats('sound/PokerFace.mid')
notes = getNotes('sound/PokerFace.mid')
start = 0.0
                                                   FPS = 120
def task1():
    global counter
                                                   記號面板
                                                                    未命名
                                                       添加面板
    global start
                                                    ▶ 譜號
    global offset
    global index
    global show_init
    start = time.perf_counter() - offset
                                                    ▶ 線性記號
                                                    ▶ 小節線
    while ~show_init and running:
                                                   文字
        counter = time.perf_counter() - start
                                                   ▼ 速度
                                                    = 80
                                                         J = 80
                                                              a = 80
        time.sleep(1 / 5 / FPS)
                                                    J. = 80
                                                               更多
                                                                        方波音效合成器 2:4
```

