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from itertools import cycle
from random import randrange
from tkinter import Canvas, Tk, messagebox, font
canvas width = 800
canvas_height = 400
root = Tk()
root.title("Egg Catcher")
c = Canvas(root, width=canvas width,
height=canvas height, background="deep sky blue")
c.create_rectangle(-5, canvas_height-100, canvas_width+5,
canvas height+5, fill="sea green", width=0)
c.create oval(-80, -80, 120, 120, fill='orange', width=0)
c.pack()
color_cycle = cycle(["light blue", "light green", "light
pink", "light yellow", "light cyan"])
egg width = 45
egg height = 55
egg score = 10
egg\_speed = 500
egg interval = 4000
difficulty = 0.95
catcher color = "blue"
catcher width = 100
catcher height = 100
catcher_startx = canvas_width / 2 - catcher_width / 2
catcher starty = canvas height - catcher height - 20
catcher startx2 = catcher startx + catcher width
catcher starty2 = catcher starty + catcher height
catcher = c.create arc(catcher startx, catcher starty,
catcher_startx2, catcher_starty2, start=200, extent=140,
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style="arc", outline=catcher color, width=3)
game font = font.nametofont("TkFixedFont")
game font.config(size=18)
score = 0
score text = c.create text(10, 10, anchor="nw",
font=game_font, fill="darkblue", text="Score: "+
str(score))
lives remaining = 3
lives text = c.create text(canvas width-10, 10,
anchor="ne", font=game_font, fill="darkblue",
text="Lives: "+ str(lives_remaining))
eggs = []
def create egg():
    x = randrange(10, 740)
    v = 40
    new egg = c.create oval(x, y, x+egg width,
y+egg height, fill=next(color cycle), width=0)
    eggs.append(new egg)
    root.after(egg_interval, create_egg)
def move eggs():
    for egg in eggs:
        (eggx, eggy, eggx2, eggy2) = c.coords(egg)
        c.move(egg, 0, 10)
        if eggy2 > canvas height:
            egg_dropped(egg)
    root.after(egg speed, move eggs)
def egg_dropped(egg):
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eggs.remove(egg)
    c.delete(egg)
    lose_a_life()
    if lives remaining == 0:
        messagebox.showinfo("Game Over!", "Final Score:
"+ str(score))
        root.destroy()
def lose a life():
    global lives remaining
    lives remaining -= 1
    c.itemconfigure(lives_text, text="Lives: "+
str(lives remaining))
def check catch():
    (catcherx, catchery, catcherx2, catchery2) =
c.coords(catcher)
    for egg in eggs:
        (eggx, eggy, eggx2, eggy2) = c.coords(egg)
        if catcherx < eggx and eggx2 < catcherx2 and
catchery2 - eggy2 < 40:
            eggs.remove(egg)
            c.delete(egg)
            increase_score(egg_score)
    root.after(100, check catch)
def increase score(points):
    global score, egg speed, egg interval
    score += points
    egg speed = int(egg speed * difficulty)
    egg_interval = int(egg_interval * difficulty)
    c.itemconfigure(score_text, text="Score: "+
str(score))
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def move left(event):
    (x1, y1, x2, y2) = c.coords(catcher)
    if x1 > 0:
        c.move(catcher, -20, 0)
def move right(event):
    (x1, y1, x2, y2) = c.coords(catcher)
    if x2 < canvas width:</pre>
        c.move(catcher, 20, 0)
c.bind("<Left>", move_left)
c.bind("<Right>", move_right)
c.focus set()
root.after(1000, create_egg)
root.after(1000, move eggs)
root.after(1000, check_catch)
root.mainloop()
#Coded with ♥ by Mr. Unity Buddy
```