Personal Pokémon Card Creator

Develped by: Patrick Madonna

Introduction

Pokémon is a Multi-billion-dollar franchise that has spawned my videogames, movies, and TV shows. I've been following the series for a while, and I would like to bring more people into it. Thus, I created an easy-to-understand Pokémon Card Creator.

How Does it Work?

Type in your Name to Begin:

Press Here to Start!

The program asks for you name and asks you a series of questions, then based on your answers to the questions it aligns you with a type that best matches you. Then you have the choice of taking a picture, to then get a physical card that reflects you and your type.

Who Would Like to Try The Program Before I Explain it and Ruin the "M A G I C" ?

Pssttt..
Anyone who does try gets to keep their own FREE Custom Pokémon Card!!

How Does it Work, Code Wise?

```
lameOn.py ×    🐍 test.py ×    🐍 main.py ×    🐍 main.py ×    🐍 PictureHandler.py ×

rd Base
Pokemon = cv2.imread('Card Bases\\' + type + ".PNG")
= cardPokemon
.imshow('Card', img)


true
onPic = cv2.imread('PeoplePhotos\\Person.png')

cEnergy = cv2.imread('Card Bases\\NormalSymbol.PNG')
Energy = cv2.imread('Card Bases\\' + type + 'Symbol.PNG')

_offset = 30
_offset = 477


ype == "Normal":
cv2.putText(img, name, (40, 70), cv2.FONT_HERSHEY_PLAIN, 2, (0, 0, 0
cv2.putText(img, "60 HP", (365, 65), cv2.FONT_HERSHEY_PLAIN, 2, (0,
cv2.putText(img, "Punch", (210, 520), cv2.FONT_HERSHEY_PLAIN, 2, (0,
cv2.putText(img, "10", (450, 520), cv2.FONT_HERSHEY_PLAIN, 2, (0, 0,
personPic = cv2.resize(personPic, (440,305))
```

This application uses Python3 with the libraries Tkinter and OpenCV, both highly advanced and highly capable libraries used by many programmers today.

If you would like to see the code in depth it is on my GitHub.

(Credit me if you use my code)

5

Can I Calculate My Type Before I Get My Card?

(Basically, Can You Cheat?)

YES, Sort of..

You need to do Math

What is your Favorite Color out of these?

Blue	+1
Green	+2
Red	+5
Yellow	+0

Types are Determined
By the range that the sum of your choices

Normal: 0-3
Fire: 4-6
Water: 7-10
Grass: 11-13
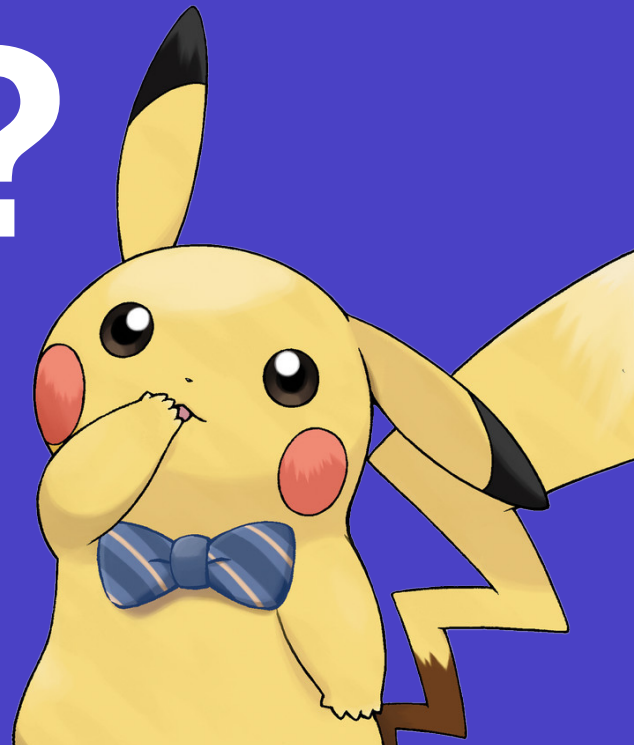Fighting: 14-16
Psychic: 17-19
Steel: 20-22
Electric: 23-25
Fairy: 26-28
Dark: 29
Dragon: 30

Any Questions?

Patrick Madonna

If you would like to commission me, please talk to me after the show.

2023 Baby!

Thank You!