

CST 363 ReadMe Write Up

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Search for a Pokemon by name

Name:

Submit

Search for Pokemon with a type attack

Type:

Submit

Find number of Pokemon with attack

Attack:

Submit

Program 1:

Enter a valid Pokemon name into the first field and then press the Submit button.

Query will return all available database information about the input Pokemon



Name	Type	HP	Attack	Defense	Primary Attack	Secondary Attack
Mewtwo	Psychic	106	110	90	Confusion	Psychic

Program 2:

Enter a valid Pokemon type name into the second field and then press the Submit button. Query will return all Pokemon with moves of that type as well as both their Primary and Secondary Attacks.



Name	Primary Attack	Secondary Attack
Clefable	Night Shade	Body Slam
Golbat	Confuse Ray	Haze
Kadabra	Confusion	Night Shade
Gastly	Lick	Smog
Haunter	Night Shade	Toxic
Lickitung	Lick	Wrap

Program 3:

Enter a valid Pokemon attack name into the third field and press the Submit button. Returns the number of Pokemon with the input attack as their Primary Attack and as their Secondary Attack.

Program 4:

Enter a valid Pokemon attack name into the fourth field and press the Submit button. Returns aggregated stats on Pokemon who know this move..

Program 5:

Hit the submit button to find Pokemon whose attack and defense stats are within the parameters. Query will search database and return pokemon with attack and defence values between 85 and 90.

Project Description

The pokemon academy is where future Pokemon trainers come to learn the basics of Pokemon however since more and more Pokemon are being discovered every day, it is hard to keep track of them all. This project we are set to upload Pokemon to the pokedex, a database specifically for storing the identity of the Pokemon along with their attributes, in doing so we must travel far and wide. The information needed to store a pokemon onto the pokedex are broken down as the following: Pokemon, moveset and attack. With this new information we are then able to answer questions such as which Pokemon has the most health, look up the attacks of a Pokemon and other similar questions like these. With the creation of the pokedex future Pokemon trainers no longer have to wonder what Pokemon they encounter because all the Pokemon's information will be at a push of a button with the handheld device.

