

Author

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PURPOSE

/*

* For each unique Pokémon type (Type 1) creates a sub-directory (in the directory containing pokemon.csv)

* Creates a file named after the Pokémon type and gives it the csv extension

* Writes all lines from pokemon.csv that describe the Pokémon of that type into the matching type partition csv file

*/

LINUX PERMISSION

sudo chmod +x Olabisi_101198092assignment5.sh

LAUNCHING COMMAND

sh Olabisi_101198092assignment5.sh

FILES

Olabisi_101198092assignment5.sh

pokemon.csv

Design Document Pseudocode

#!/bin/sh

```

#removes the header row from csv and moves into a temporary file

#use the cut function to get only type 1

#check if directory exists if not create the directories based on the type

#redirect all type to sub-directories

while read line;

do

    declare type1 variable using cut function to get type1

if

    check if directory exists

    if it exists create a csv file with type1

    redirect the line that contains the type to individual csv

else

    if directory doesn't exist create directory

fi

done < pokemonNew.csv

#remove temporary file

```

LINUX PROGRAM USED

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-sed: Used to remove the header

-touch: Used to create file

-read: Used to read the contents of a line into a variable

-mkdir: Use to create directory

-rm: Used to remove temporary file

-cut: Used to get the column needed

-echo: Used to print statement

```