

Read Me File

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Pokemon is a video game series created by the Japanese company Game Freak. Their first titles, Pokemon Red and Blue, came out in 1996. These games revolve around pokemon, short for pocket monsters, which are creatures that can battle other pokemon. The user plays the role of a pokemon trainer, catching pokemon in the wild via pokeballs and training them by battling other pokemon trainers. Every pokemon belongs to at least one type- such as fire, water, or grass, and every pokemon has a maximum of four moves it can perform in battle. Furthermore, each pokemon has inherit stats which govern how powerful the pokemon is. These stats increase as the pokemon levels up, which happens when it defeats other pokemon in battle.

In the original game series, there were two main objectives. The primary goal was to become the champion by defeating the current champion. This was accomplished by first defeating all eight gym leaders (trainers who specialize in a certain type of pokemon). Most towns in the game contained these pokemon gyms. After this, the user would challenge the elite four, four trainers even more powerful than gym leaders who similarly only specialized in one type of pokemon. If this task was managed, the user earned the right to challenge the champion. If the user won this battle, he or she has beaten the game and is crowned the new champion. Our version of pokemon is on a much smaller scale. Therefore, the way to defeat our version of the game is to defeat a certain number of trainers encountered while walking.

The secondary goal of the original Pokemon games was to complete the pokedex given to the user by professor Oak. A pokedex is a device which records every new pokemon the trainer encounters on his or her journey. In the original game, 151 different species of pokemon existed. The pokedex was completed when the user had come across all 151 of these pokemon in his or her journey. Our version is the same as the original, meaning all 151 pokemon can be encountered in our game and the pokedex will be complete when the user sees all 151 pokemon. A way to make the game even harder is to try to catch every single one of these 151 pokemon.

Download files and place into a directory you can access easily on your computer. Go on your Linux terminal (In our classes case this is the Student Cluster). Navigate to the files that you have place in your computer using the cd command. For example: if your files are in "2020/Pokemon Project", type "cd 2020" and press enter, and then "cd Pokemon Project" and press enter. Then type the following verbatim: "module purge". Press enter and then follow that with "module add compilers/gcc/7.3.0" and press enter. Finally, you should type "g++ -o run *.cpp" (followed by pressing enter) to compile it (compiling just means making the computer look at the game files in the simplest terms), and then you can run it by typing "./run" and pressing enter.

Read the text as it comes to you and press enter to continue on (you will be given a prompt that says to press enter). In this game, you will have four main options from the command menu. The first option is walk, the second is bag, the third is party, and the fourth is pokedex. You can select one of these options by selecting either 1, 2, 3, or 4 and then pressing enter. In the beginning, you will be required to select a starter pokemon to accompany you on your journey. The game will walk you through this, and you will select either 1, 2, or 3 to view the starter and decide if you want to select that one. The three options are Charmander, Bulbasaur, and Squirtle. After doing this, you will be able to access the command menu once again where you can decide if you want to walk, access your bag, view your party, or view your pokedex. If you select walk, you may encounter a trainer in battle, a wild pokemon, an item, or a town. Your bag allows you to view your items and use one if you like. The party option allows you to view your pokemon, look at their stats or moves, or even switch their order. Finally, the pokedex lets you view all the pokemon you have encountered. If you walk and encounter a town you can heal your pokemon at the pokemon center or access the PC to switch up your party. If you encounter a wild pokemon you can attempt to catch it or defeat it and your pokemon will level up. If you come across an item, you will have the chance to pick it up and place it in your bag. As you go through the game, catching pokemon and defeating trainers, your pokemon will level up and become stronger. Once you have defeated a certain number of trainers, you will have defeated the game.