Santa Claus Homework

When you finish reading, timing to see how fast you help Santa Claus, record at the end of the homework when it is done.

December 2022 was a pair system for special distribution of Christmas gifts.

You are the smart Helper of Santa Claus, that he recognizes as DevOps Engineer in charge of helping him to load and distribute the gifts faster.

The Christmas tree has the root, the 7 branches support other branches and hold the gifts to distribute

The tree will be coded Main Directory called mysanta

7 branches called directory are coded: santa1, santa2 up to santa7 will receive each 20 gifts for distribution.

Each directory (santa1 to santa7) has one subdirectory called respectively santa8 to santa14.

People are waiting to receive gifts from subdirectory

Each subdirectory will be loaded with gifts moved from the directory (santa1 to santa7).

Each directory will be loaded with 20 gifs coded as follows:

The santa1: santa1-1.txt, santa1-2.txt, up to santa1-20.txt

The santa2: santa2-1.txt, santa2-2.txt, up to santa2-20.txt and so on,

Up to the santa7-1.txt, santa7-2.txt, up to santa7-20.txt

Your job is to:

1.   Create the main directory: mysanta

2.   Create the directories under the main directory: mysanta/santa1 to santa7)

3.   Create the subdirectories under each directory:

4.   mysanta/santa1/santa8 to mysanta/santa7/santa14

5.   Create the 20 gifts (files) loaded in each of the 7 directories (santa1 to santa7):Tips:

        mysanta/santa1: load: santa1-1.txt to santa1-20.txt

        Mysanta/santa2: load: santa2-1.txt to santa2-20.txt

        and up to mysanta/santa7: load: santa7-1.txt to santa7-20.txt.

6.   Move the first 50% of the gifts from directory to the branches "subdirectory" (santa8 to santa14).

7.   Go to mysanta directory and use command tree; How many files and directories do you have now?

8.   Copy the rest of the gifts into a new directory (santabalance) at mysanta/santablance to show what will be distributed in the nearest future.

9.   Use the command tree and snip or copy the screen then past on a word document below this exercise.

Use all the shortcut types you can to save time to Santa Claus for his loading and distribution of the gifts. Santa Claus will love to see you using Absolute Path to speed up your DevOps works.

He will like to see you working from the main directory (mysanta) to show how you excel using Absolute Path function.

How many files and directories do you have now?

Time: _____ to _____

Repeat this exercise many times to pratice the commands: mkdir, tree, rm, mv, cd, ls, touch, usage of absolute path, etc.