

Home Task 2.1: Directory Organization Challenge

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Command Prompt

C:\Users\Naheel Siddiqui> mkdir Project
C:\Users\Naheel Siddiqui> cd Project
C:\Users\Naheel Siddiqui\Project> mkdir Code
C:\Users\Naheel Siddiqui\Project> mkdir Images
C:\Users\Naheel Siddiqui\Project> mkdir Docs
C:\Users\Naheel Siddiqui\Project> cd Docs
C:\Users\Naheel Siddiqui\Project\Docs> echo FAST-NUCES > info.txt
C:\Users\Naheel Siddiqui\Project\Docs> dir
Volume in drive C is Windows
Volume Serial Number is BEC6-E291

Directory of C:\Users\Naheel Siddiqui\Project\Docs

08/30/2024  04:42 PM    <DIR>          .
08/30/2024  04:41 PM    <DIR>          ..
08/30/2024  04:42 PM                13 info.txt
                1 File(s)                13 bytes
                2 Dir(s)  44,565,331,968 bytes free
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Command Prompt
C:\Users\Naheel Siddiqui\Project\Docs> copy "C:\Users\Naheel Siddiqui\Project\Docs\info.txt" "C:\Users\Naheel Siddiqui\Project\Code"
1 file(s) copied.

C:\Users\Naheel Siddiqui\Project\Docs> dir
Volume in drive C is Windows
Volume Serial Number is BEC6-E291

Directory of C:\Users\Naheel Siddiqui\Project\Docs

08/30/2024  04:42 PM    <DIR>        .
08/30/2024  04:41 PM    <DIR>        ..
08/30/2024  04:42 PM                13 info.txt
               1 File(s)              13 bytes
               2 Dir(s)  44,552,835,072 bytes free

C:\Users\Naheel Siddiqui\Project\Docs> cd ..

C:\Users\Naheel Siddiqui\Project> cd Code

C:\Users\Naheel Siddiqui\Project\Code> dir
Volume in drive C is Windows
Volume Serial Number is BEC6-E291

Directory of C:\Users\Naheel Siddiqui\Project\Code

08/30/2024  05:05 PM    <DIR>        .
08/30/2024  04:41 PM    <DIR>        ..
08/30/2024  04:42 PM                13 info.txt
               1 File(s)              13 bytes
               2 Dir(s)  44,552,835,072 bytes free

C:\Users\Naheel Siddiqui\Project\Code>
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Command Prompt
C:\Users\Naheel Siddiqui\Project\Code> move "C:\Users\Naheel Siddiqui\Project\Code\info.txt" "C:\Users\Naheel Siddiqui\Project\Images"
1 file(s) moved.

C:\Users\Naheel Siddiqui\Project\Code> dir
Volume in drive C is Windows
Volume Serial Number is BEC6-E291

Directory of C:\Users\Naheel Siddiqui\Project\Code

08/30/2024  05:06 PM    <DIR>        .
08/30/2024  04:41 PM    <DIR>        ..
               0 File(s)              0 bytes
               2 Dir(s)  44,552,486,912 bytes free

C:\Users\Naheel Siddiqui\Project\Code> cd ..

C:\Users\Naheel Siddiqui\Project> cd Images

C:\Users\Naheel Siddiqui\Project\Images> dir
Volume in drive C is Windows
Volume Serial Number is BEC6-E291

Directory of C:\Users\Naheel Siddiqui\Project\Images

08/30/2024  05:06 PM    <DIR>        .
08/30/2024  04:41 PM    <DIR>        ..
08/30/2024  04:42 PM                13 info.txt
               1 File(s)              13 bytes
               2 Dir(s)  44,552,175,616 bytes free

C:\Users\Naheel Siddiqui\Project\Images>
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Command Prompt

C:\Users\Naheel Siddiqui\Project\Images> cd ..

C:\Users\Naheel Siddiqui\Project> rmdir Code

C:\Users\Naheel Siddiqui\Project> rmdir Docs
The directory is not empty.

C:\Users\Naheel Siddiqui\Project> rmdir /S Docs
Docs, Are you sure (Y/N)? Y
The process cannot access the file because it is being used by another process.

C:\Users\Naheel Siddiqui\Project> rmdir /S Docs
Docs, Are you sure (Y/N)? Y

C:\Users\Naheel Siddiqui\Project> dir
Volume in drive C is Windows
Volume Serial Number is BEC6-E291

Directory of C:\Users\Naheel Siddiqui\Project

08/30/2024  05:11 PM    <DIR>          .
08/30/2024  04:40 PM    <DIR>          ..
08/30/2024  05:07 PM    <DIR>          Images
               0 File(s)                0 bytes
               3 Dir(s)  44,551,663,616 bytes free

C:\Users\Naheel Siddiqui\Project> cls
```

```
Command Prompt

C:\Users\Naheel Siddiqui\Project\Images> del info.txt

C:\Users\Naheel Siddiqui\Project\Images> dir
Volume in drive C is Windows
Volume Serial Number is BEC6-E291

Directory of C:\Users\Naheel Siddiqui\Project\Images

08/30/2024  05:07 PM    <DIR>          .
08/30/2024  04:41 PM    <DIR>          ..
               0 File(s)                0 bytes
               2 Dir(s)  44,551,942,144 bytes free
```

Commands Used:

1. Mkdir: Create directories
2. Cd: Navigate to new directory / Check current directory
3. Echo: Create text file with some content
4. Dir: Check contents of current directory
5. Copy: Copy files or directories
6. Move: Move files or directories
7. Rmdir: Remove directory

Task Completion Report:

1. First I used the “mkdir Project” command to create the directory Project
2. In this directory, I created three new directories called “Code”, “Docs” and “Images” using the “mkdir” command
3. After navigating into the Docs directory using the command “cd Docs”, I created a new text file called “info.txt” using the command “echo FAST-NUCES > info.txt”
4. I copied the text file from Docs to Code using the command “copy ‘path of info.txt in Docs’ ‘path of Code’”
5. I verified the location of “info.txt” using the “dir” command
6. I moved the file from Code to Images using the command “move ‘path of info.txt in Code’ ‘path of Images’”, and then verified this using the “dir” command
7. Using the “cd” command, I navigated into the Images directory and deleted the text file using the command “del info.txt”
8. After navigating into Project directory using the command “cd ..”, I removed the directories “Code” and “Docs” using the commands “rmdir Docs” and “rmdir Code” after ensuring that both were empty
9. I cleared the screen using the command “cls”