

Assignment 1 : Solution

Clue 1 : The very odd and inedible ingredient in a cake recipe

Found : Paper Rings

```
(base) divyas-mbp:cake divya$ pwd
/Users/divya/Documents/DSI/Assignments/shell/02_assignments/clues/food/cake
(base) divyas-mbp:cake divya$ ls
chocolate_cake.txt    red_velvet_cake.txt    vanilla_cake.txt
(base) divyas-mbp:cake divya$ cat chocolate_cake.txt red_velvet_cake.txt vanilla_cake.txt | sort -u
Baking Powder
Butter
Cake Flour
Cocoa Powder
Dark Chocolate
Eggs
Milk
Paper Rings
Red Food Colouring
Sugar
Vanilla Extract
(base) divyas-mbp:cake divya$
```

Clue 2: The season number that contains only 18 episodes (Hint: How do you list them?)

Found : 10

Below script used

```
showsdir="clues/shows/friends"
show_count=18
for show in "$showsdir"/*; do
    num_files=$(find "$show" -type f | wc -l)
    # Check if number of files equals 18
    if [ "$num_files" -eq "$show_count" ]; then
        echo "Show with 18 files found: $show"
        break
    fi
done
```

```
((base) divyas-mbp:02_assignments divya$ pwd
/Users/divya/Documents/DSI/Assignments/shell/02_assignments
((base) divyas-mbp:02_assignments divya$ ./scripts/clue2.sh set -X
Show with 18 files found: clues/shows/friends/season_10
(base) divyas-mbp:02_assignments divya$
```

Clue 3: Fifth word of Season 6, Episode 21 of Friends

Found: Meets

```
(base) divyas-mbp:02_assignments divya$ pwd
/Users/divya/Documents/DSI/Assignments/shell/02_assignments
(base) divyas-mbp:02_assignments divya$ cd clues/shows/friends/
(base) divyas-mbp:friends divya$ ls
season_1      season_10     season_2      season_3      season_4      season_5      season_6      season_7      season_8      season_9
(base) divyas-mbp:friends divya$ cd season_6
(base) divyas-mbp:season_6 divya$ ls
ep_1.txt      ep_12.txt     ep_15.txt     ep_18.txt     ep_20.txt     ep_23.txt     ep_3.txt      ep_6.txt      ep_9.txt
ep_10.txt     ep_13.txt     ep_16.txt     ep_19.txt     ep_21.txt     ep_24.txt     ep_4.txt      ep_7.txt
ep_11.txt     ep_14.txt     ep_17.txt     ep_2.txt      ep_22.txt     ep_25.txt     ep_5.txt      ep_8.txt
(base) divyas-mbp:season_6 divya$ cd ep_21.txt
-bash: cd: ep_21.txt: Not a directory
(base) divyas-mbp:season_6 divya$ cat ep_21.txt
The One Where Ross Meets Elizabeth's Dad
(base) divyas-mbp:season_6 divya$
```

Clue 4: Fifth word of the fifth fictional Space Wars series

Found: and

```
(base) divyas-mbp:season_6 divya$ ls
ep_1.txt      ep_12.txt     ep_15.txt     ep_18.txt     ep_20.txt     ep_23.txt     ep_3.txt      ep_6.txt      ep_9.txt
ep_10.txt     ep_13.txt     ep_16.txt     ep_19.txt     ep_21.txt     ep_24.txt     ep_4.txt      ep_7.txt
ep_11.txt     ep_14.txt     ep_17.txt     ep_2.txt      ep_22.txt     ep_25.txt     ep_5.txt      ep_8.txt
(base) divyas-mbp:season_6 divya$ cd ..
(base) divyas-mbp:friends divya$ cd ..
(base) divyas-mbp:shows divya$ cd ..
(base) divyas-mbp:clues divya$ ls
albums        food          movies        shows
(base) divyas-mbp:clues divya$ cd movies/
(base) divyas-mbp:movies divya$ ls
hanger_games  space_wars
(base) divyas-mbp:movies divya$ cd space_wars/
(base) divyas-mbp:space_wars divya$ ls
fifth_movie.txt  first_movie.txt  fourth_movie.txt  second_movie.txt  third_movie.txt
(base) divyas-mbp:space_wars divya$ cat fifth_movie.txt
Space Wars: Future Legends and Past Legacies
(base) divyas-mbp:space_wars divya$
```

Clue 5: Second word of this song that's exactly 4 minutes long in this "colour" album

Found: Lucky

```
(base) divyas-mbp:shell divya$ cd 02_assignments/
(base) divyas-mbp:02_assignments divya$ ls
assignment.md  clues          scripts
(base) divyas-mbp:02_assignments divya$ cd clues/
(base) divyas-mbp:clues divya$ ls
albums        food          movies        shows
(base) divyas-mbp:clues divya$ cd albums/
(base) divyas-mbp:albums divya$ ls
fearless      lover         red
(base) divyas-mbp:albums divya$ cd red/
(base) divyas-mbp:red divya$ ls
song_1.txt     song_2.txt    song_3.txt    song_4.txt    song_5.txt
(base) divyas-mbp:red divya$ cat song_5.txt
Title: The Lucky One
Duration: 4:00
(base) divyas-mbp:red divya$
```

Clue 6: The fourth word to the fourth Hunger Games movie

Found: Stars

```
((base) divyas-mbp:albums divya$ cd ..
((base) divyas-mbp:clues divya$ cd movies/
((base) divyas-mbp:movies divya$ ls
hanger_games      space_wars
((base) divyas-mbp:movies divya$ cd hanger_games/
((base) divyas-mbp:hanger_games divya$ ls
movie_1.txt      movie_2.txt      movie_3.txt      movie_4.txt
((base) divyas-mbp:hanger_games divya$ cat movie_
cat: movie_: No such file or directory
((base) divyas-mbp:hanger_games divya$ cat movie_4.txt
Hanger Games & the Stars of Darkness
(base) divyas-mbp:hanger_games divya$
```