

Lab 9

Tasks:

Write a bash script to do the following tasks:

- Display the UID and username of the user executing the script.
- Test if the last command succeeded and display a message to indicate the status.
- Display if the user is the root user or not.

```
[root@f98b3c176660 scripts]# ./script.sh
UID: 0
Username:
Last command executed successfully.
You are the root user.
Enter your username: |
```

- Check if the logged in user matches the user yaman (use string test condition).

```
Enter your username: yaman
Logged in user matches 'yaman'.
Enter USERNAME for user 1: |
```

- Create 3 users by using a for loop (where each iteration will ask for USERNAME, EXPIRATION_DAY, and ROLE of the user)

hint: use read command

```
Logged in user matches 'yaman'.
Enter USERNAME for user 1: lujain
Enter EXPIRATION_DAY for user 1: 01-01-2025
Enter ROLE for user 1: student
Creating user: lujain with expiration day: 01-01-2025 and role: student
Enter USERNAME for user 2: sara
Enter EXPIRATION_DAY for user 2: 01-01-2025
Enter ROLE for user 2: student
Creating user: sara with expiration day: 01-01-2025 and role: student
Enter USERNAME for user 3: lama
Enter EXPIRATION_DAY for user 3: 01-01-2025
Enter ROLE for user 3: student
Creating user: lama with expiration day: 01-01-2025 and role: student
[root@f98b3c176660 scripts]#
```

The bash script code:

```
#!/bin/bash

# Task 1: Display UID and username
echo "UID: $UID"
echo "Username: $USER"

# Task 2: Check if the last command succeeded
if [ $? -eq 0 ]; then
    echo "Last command executed successfully."
else
    echo "Last command failed."
fi

# Task 3: Check if the user is root
if [ $UID -eq 0 ]; then
    echo "You are the root user."
else
    echo "You are not the root user."
fi

# Task 4: Check if logged in user matches 'yaman'
read -p "Enter your username: " input_username
if [ "$input_username" = "yaman" ]; then
    echo "Logged in user matches 'yaman'."
else
    echo "Logged in user does not match 'yaman'."
fi

# Task 5: Create 3 users using a for loop
for (( i=1; i<=3; i++ )); do
    read -p "Enter USERNAME for user $i: " username
    read -p "Enter EXPIRATION_DAY for user $i: " expiration_day
    read -p "Enter ROLE for user $i: " role

    # Create user here (replace with actual user creation command)
    echo "Creating user: $username with expiration day: $expiration_day and role: $role"
done
```