

## Setup:

`mkdir ~/scripts && cd scripts && touch script.sh`

```
[root@a3f04f2bafbf /]# cd ~  
[root@a3f04f2bafbf ~]# mkdir ~/scripts && cd scripts && touch script.sh
```

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

```
[root@a3f04f2bafbf scripts]# vim script.sh  
[root@a3f04f2bafbf scripts]# chmod += script.sh  
[root@a3f04f2bafbf scripts]# bash script.sh
```

```
#!/bin/bash

# Display UID and username
echo "UID: $UID"
echo "Username: $(whoami)"

# Check if the last command succeeded
if [ $? -eq 0 ]; then
    echo "Last command succeeded"
else
    echo "Last command failed"
fi

# 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

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

# 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
```

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

# 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
    useradd -e "$expiration_day" -c "$role" "$username"

    if [ $? -eq 0 ]; then
        echo "User $username created successfully"
    else
        echo "Failed to create user $username"
    fi
done
```

```
[root@a3f04f2bafbf scripts]# bash script.sh
UID: 0
Username: root
Last command succeeded
You are the root user
Enter username: ^C
[root@a3f04f2bafbf scripts]# bash script.sh
UID: 0
Username: root
Last command succeeded
You are the root user
Enter username: yaman
Logged in user matches 'yaman'
Enter username for user 1: futun
Enter expiration day for user 1: 10
Enter role for user 1: Eng
useradd: user 'futun' already exists
Failed to create user futun
Enter username for user 2: ghada
Enter expiration day for user 2: 20
Enter role for user 2: HR
useradd: user 'ghada' already exists
Failed to create user ghada
Enter username for user 3: maram
Enter expiration day for user 3: 2
Enter role for user 3: DR
User maram created successfully
[root@a3f04f2bafbf scripts]# |
```