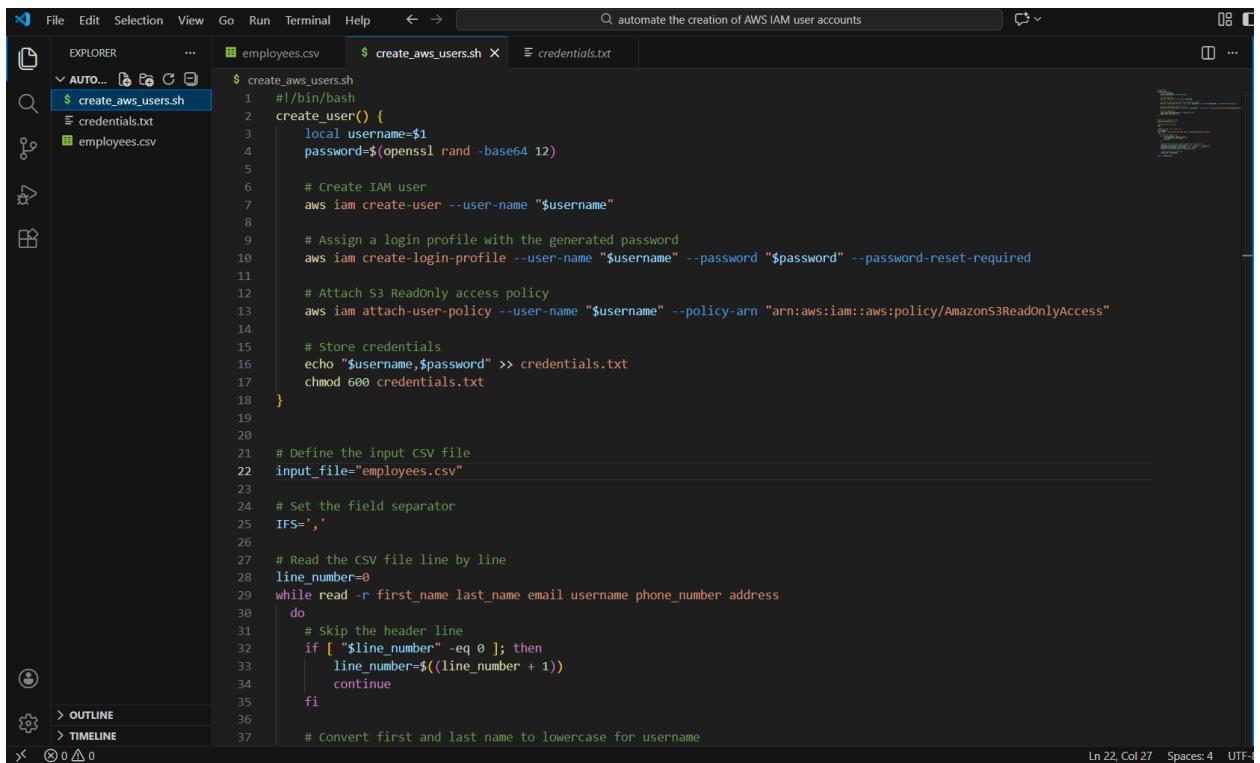


LAB - Automating AWS IAM User Creation.



The screenshot shows a terminal window with the following details:

- File Menu:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Search Bar:** automate the creation of AWS IAM user accounts
- Explorer:** Shows files: employees.csv, create_aws_users.sh, credentials.txt.
- Terminal:** The current tab is \$ create_aws_users.sh. The code is as follows:

```
$ create_aws_users.sh
1 #!/bin/bash
2 create_user() {
3     local username=$1
4     password=$(openssl rand -base64 12)
5
6     # Create IAM user
7     aws iam create-user --user-name "$username"
8
9     # Assign a login profile with the generated password
10    aws iam create-login-profile --user-name "$username" --password "$password" --password-reset-required
11
12    # Attach S3 ReadOnly access policy
13    aws iam attach-user-policy --user-name "$username" --policy-arm "arn:aws:iam::aws:policy/AmazonS3ReadOnlyAccess"
14
15    # Store credentials
16    echo "$username,$password" >> credentials.txt
17    chmod 600 credentials.txt
18 }
19
20
21 # Define the input CSV file
22 input_file="employees.csv"
23
24 # Set the field separator
25 IFS=','
26
27 # Read the CSV file line by line
28 line_number=0
29 while read -r first_name last_name email username phone_number address
30 do
31     # Skip the header line
32     if [ "$line_number" -eq 0 ]; then
33         line_number=$((line_number + 1))
34         continue
35     fi
36
37     # Convert first and last name to lowercase for username
```

Bottom status bar: Ln 22, Col 27 Spaces: 4 UTF-8

The screenshot shows a terminal window with the following command and output:

```
vijayagagla@DESKTOP-FP4OP26:~/AWS/automate the creation of AWS IAM user accounts$ ./create_aws_users.sh
```

```
{  
{  
    "User": {  
        "User": {  
            "User": {  
                "Path": "/",  
                "UserName": "shawn.todd",  
                "UserId": "AIDAZ7YT7AEFOH47WBF06",  
                "Arn": "arn:aws:iam::686699774218:user/shawn.todd",  
                "CreateDate": "2026-02-03T17:12:39+00:00"  
            }  
        }  
    }  
}  
    "LoginProfile": {  
        "UserName": "shawn.todd",  
        "CreateDate": "2026-02-03T17:12:41+00:00",  
        "PasswordResetRequired": true  
    }  
}
```

User created.

The screenshot shows the AWS IAM User Details page for 'shawn.todd'. The 'Summary' section includes:

- ARN:** arn:aws:iam::686699774218:user/shawn.todd
- Console access:** Enabled without MFA
- Created:** February 03, 2026, 18:12 (UTC+01:00)
- Last console sign-in:** Today
- Access key 1:** Create access key

The 'Permissions' tab is selected, showing:

- Permissions policies (1):** AmazonS3ReadOnlyAccess (AWS managed, Directly attached)
- Permissions boundary (not set):**
- Generate policy based on CloudTrail events:** A note explaining how to generate a new policy based on access activity.

Note : In the user creation script, function create_user is placed in the beginning of the script and it worked without problems. But I couldn't login successfully with the created user and though the user shown up in the console, aws iam list-users didnt return the user created.

