Name: BATALLER. JOSEPH EMANUEL O.

Course & Section: BSIT 4-1
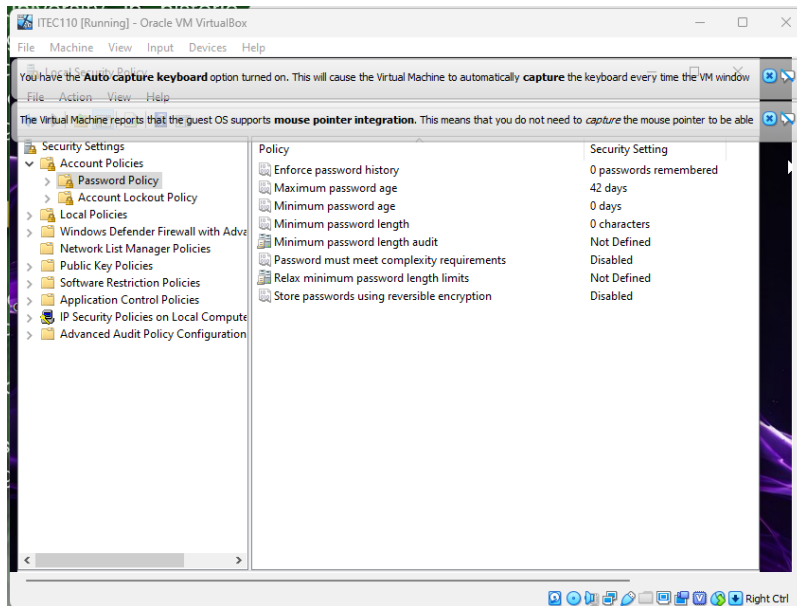
Student Number: 202305490

Date: October 17, 2025
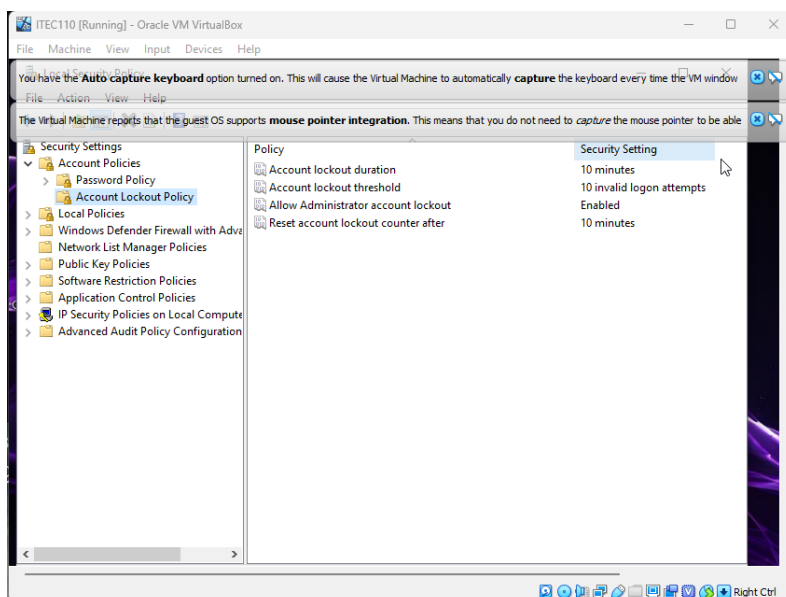
PART 1: UNDERSTANDING CURRENT SECURITY SETTINGS

TASK 1.1 ACCESS LOCAL SECURITY POLICY

ALL CURRENT PASSWORD POLICY SETTING

ALL CURREENT LOCKOUT SETTINGS

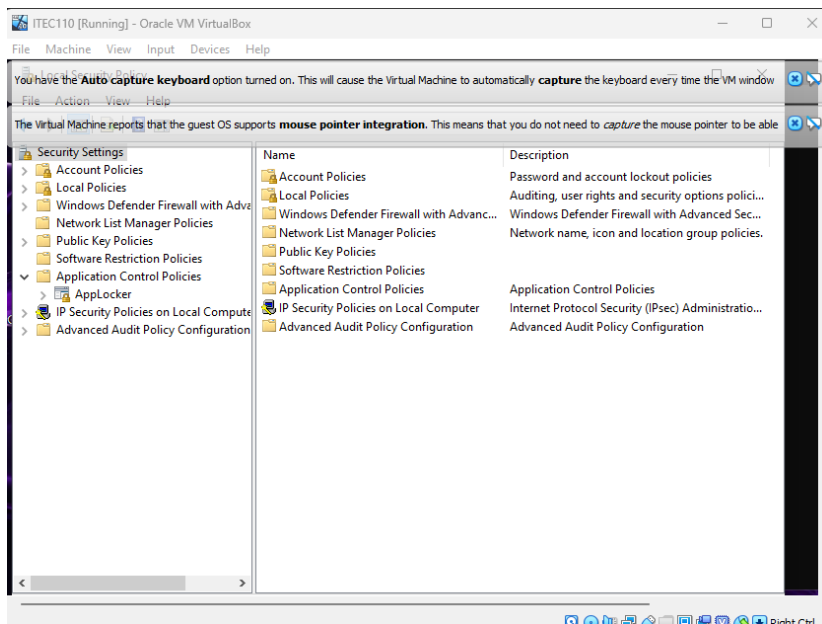# TASK 1.2 CHECK CURRENT USER PASSWORD INFORMATION

NET USER OUTPUT

LOCAL SECURITY POLICY

PART 2: CREATING TEST USERS

TASK 2.1: CREATING TEST USERS VIA COMMAND PROMPT

CREATING 3 TEMP USER

```
The command completed successfully.

C:\Windows\system32>net user testuser1 TempPass123! /add
The command completed successfully.

C:\Windows\system32>net user testuser2 TempPass123! /add
The command completed successfully.

C:\Windows\system32>net user testuser3 TempPass123! /add
The command completed successfully.
```

TASK 2.1: VERIFY USER CREATION

SHOWING CREATED TEMP USER

TESTUSER1

```
C:\Windows\system32>net user testuser1
User name                    testuser1
Full Name
Comment
User's comment
Country/region code          000 (System Default)
Account active               Yes
Account expires              Never

Password last set            10/12/2025 8:24:49 PM
Password expires             11/23/2025 8:24:49 PM
Password changeable          10/12/2025 8:24:49 PM
Password required            Yes
User may change password     Yes

Workstations allowed         All
Logon script
User profile
Home directory
Last logon                   Never

Logon hours allowed          All

Local Group Memberships      *Users
Global Group memberships     *None
The command completed successfully.
```

TESTUSER2

```
User name                    testuser3
Full Name
Comment
User's comment
Country/region code          000 (System Default)
Account active               Yes
Account expires              Never

Password last set            10/12/2025 8:24:57 PM
Password expires             11/23/2025 8:24:57 PM
Password changeable          10/12/2025 8:24:57 PM
Password required            Yes
User may change password     Yes

Workstations allowed         All
Logon script
User profile
Home directory
Last logon                   Never

Logon hours allowed          All

Local Group Memberships      *Users
Global Group memberships     *None
The command completed successfully.
```

TESTUSER3

```
C:\Windows\system32>net user testuser2
User name                    testuser2
Full Name
Comment
User's comment
Country/region code          000 (System Default)
Account active               Yes
Account expires              Never

Password last set            10/12/2025 8:24:53 PM
Password expires             11/23/2025 8:24:53 PM
Password changeable          10/12/2025 8:24:53 PM
Password required            Yes
User may change password     Yes

Workstations allowed         All
Logon script
User profile
Home directory
Last logon                   Never

Logon hours allowed          All

Local Group Memberships      *Users
Global Group memberships     *None
The command completed successfully.
```
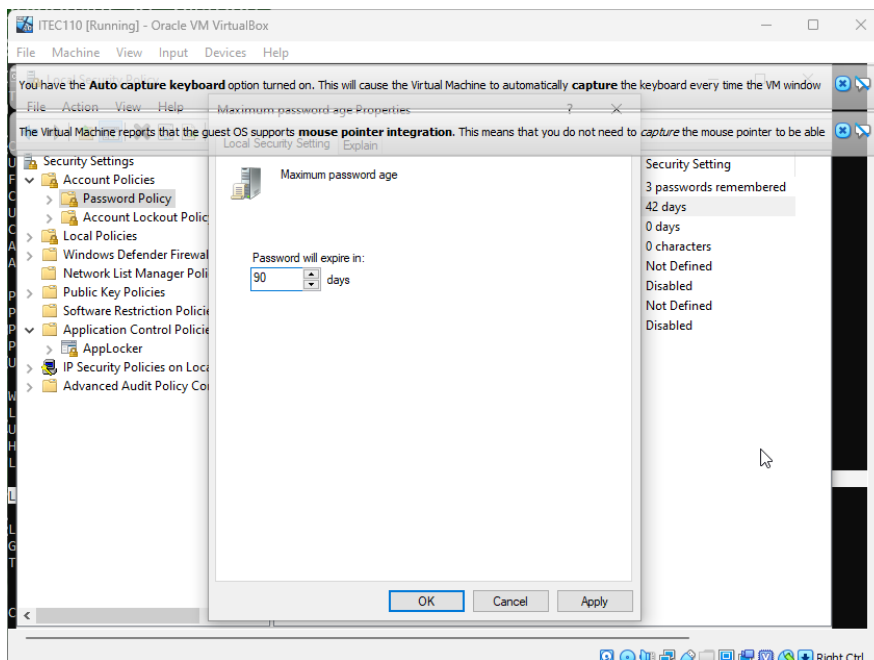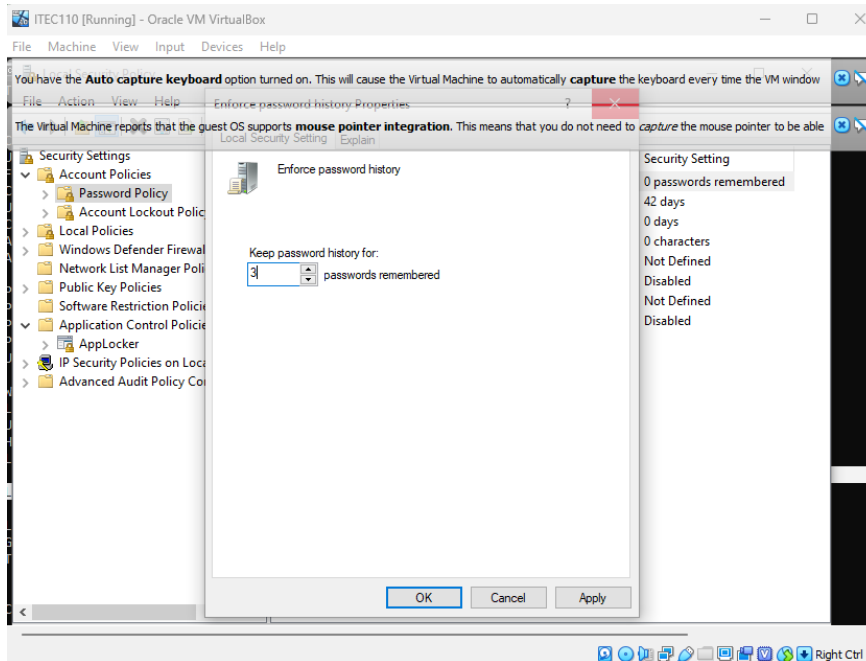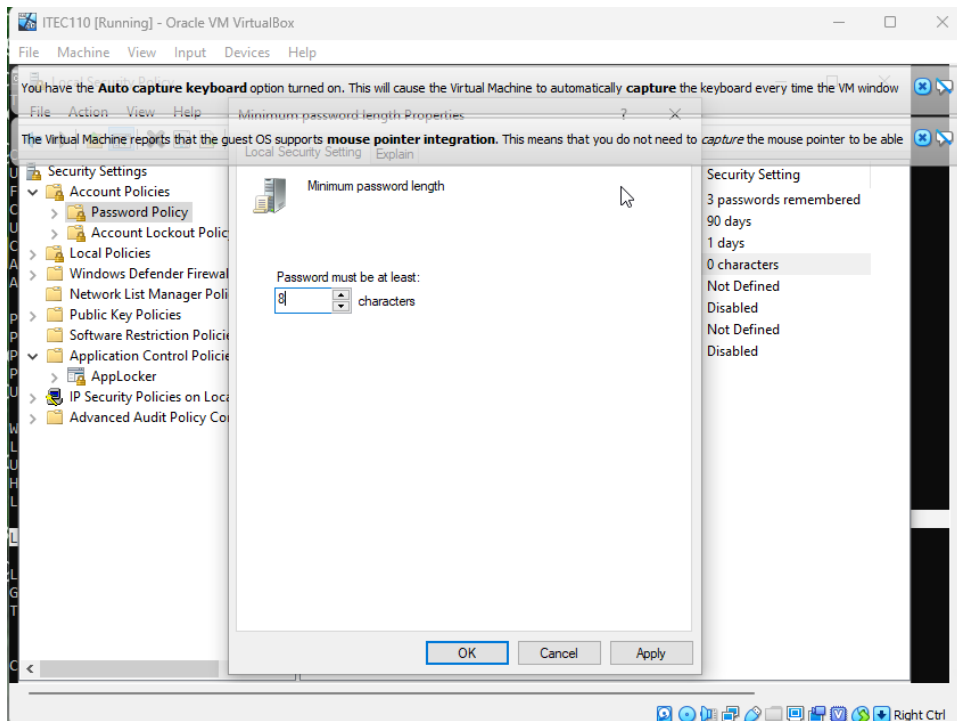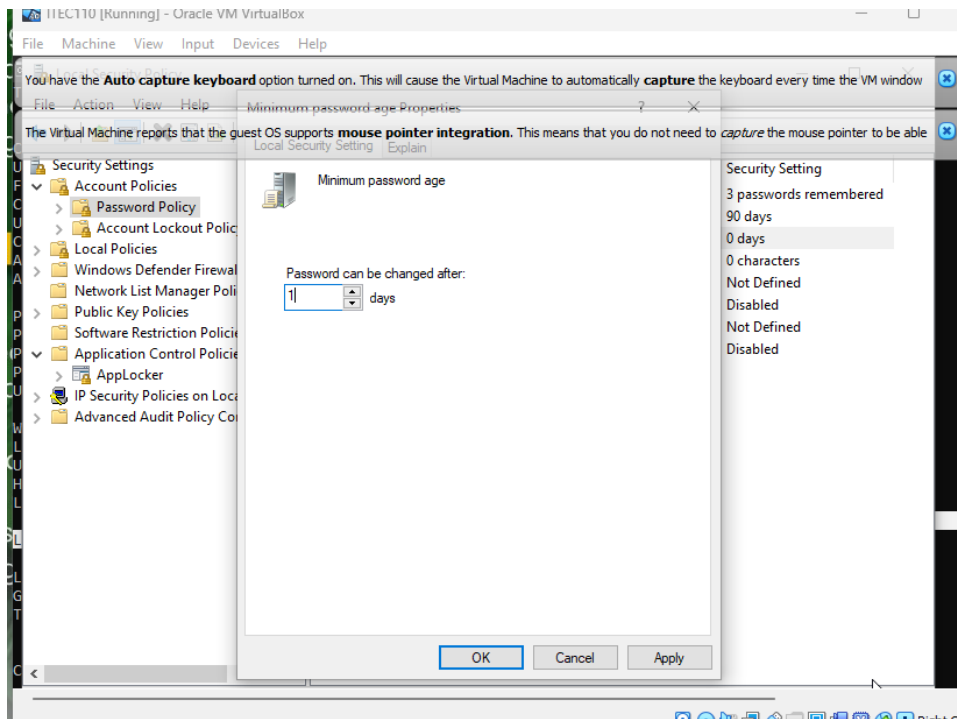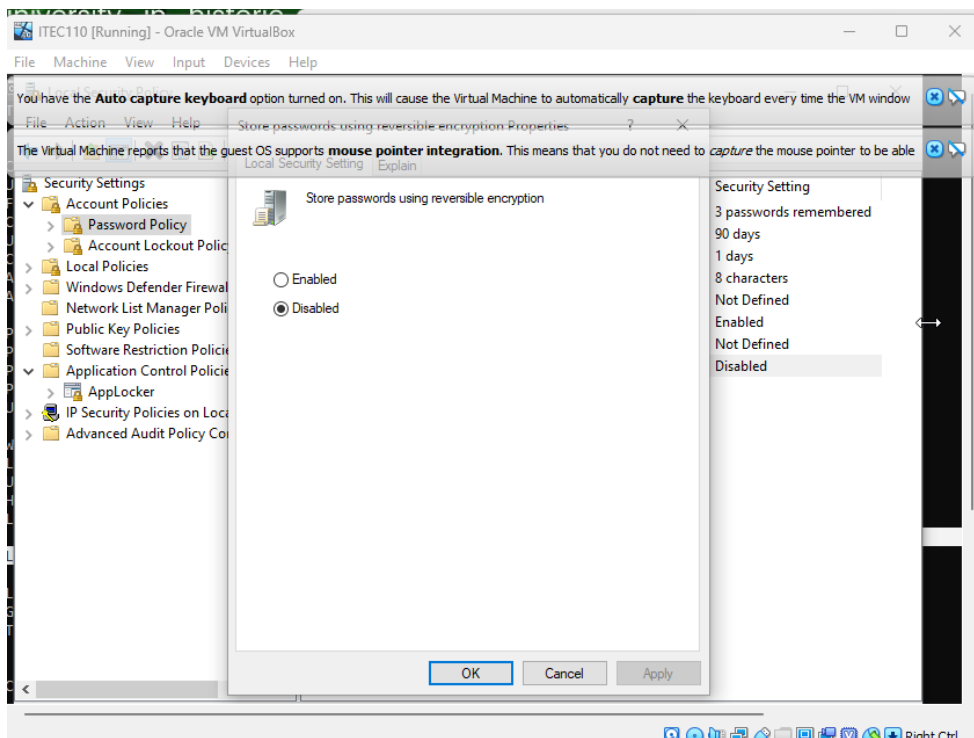
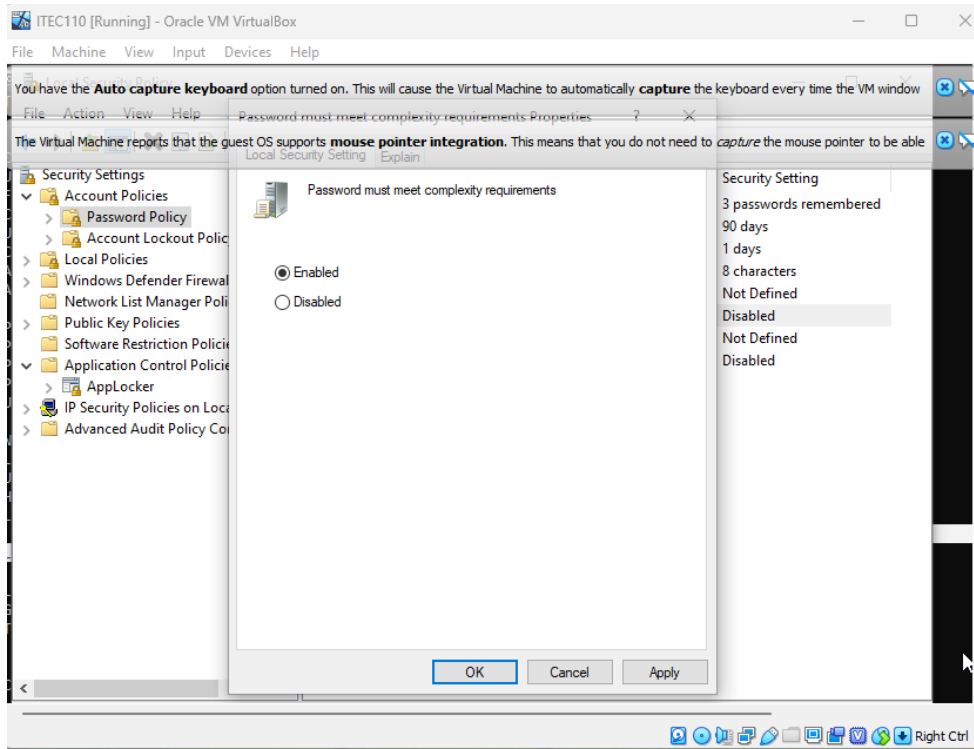# PART 3: CONFIGURING PASSWORD POLICY

TASK 3.1: ACCESS PASSWORD POLICY SETTINGS

TASK 3.2: CONFIGURE PASSWORD COMPLEXITY SETTINGS

ITEC110 [Running] - Oracle VM VirtualBox

File   Machine   View   Input   Devices   Help

You have the **Auto capture keyboard** option turned on. This will cause the Virtual Machine to automatically **capture** the keyboard every time the VM window

The Virtual Machine reports that the guest OS supports **mouse pointer integration**. This means that you do not need to *capture* the mouse pointer to be able

Password must meet complexity requirements Properties

Local Security Setting   Explain

Password must meet complexity requirements

◉ Enabled
○ Disabled

OK   Cancel   Apply

Security Settings
  Account Policies
    Password Policy
    Account Lockout Polic
  Local Policies
  Windows Defender Firewal
  Network List Manager Poli
  Public Key Policies
  Software Restriction Policie
  Application Control Policie
    AppLocker
  IP Security Policies on Loca
  Advanced Audit Policy Co

Security Setting
3 passwords remembered
90 days
1 days
8 characters
Not Defined
Disabled
Not Defined
Disabled

Right Ctrl

ITEC110 [Running] - Oracle VM VirtualBox

File   Machine   View   Input   Devices   Help

You have the **Auto capture keyboard** option turned on. This will cause the Virtual Machine to automatically **capture** the keyboard every time the VM window

The Virtual Machine reports that the guest OS supports **mouse pointer integration**. This means that you do not need to *capture* the mouse pointer to be able

Store passwords using reversible encryption Properties

Local Security Setting   Explain

Store passwords using reversible encryption

○ Enabled
◉ Disabled

OK   Cancel   Apply

Security Settings
  Account Policies
    Password Policy
    Account Lockout Polic
  Local Policies
  Windows Defender Firewal
  Network List Manager Poli
  Public Key Policies
  Software Restriction Policie
  Application Control Policie
    AppLocker
  IP Security Policies on Loca
  Advanced Audit Policy Co

Security Setting
3 passwords remembered
90 days
1 days
8 characters
Not Defined
Enabled
Not Defined
Disabled

Right Ctrl

TEST 3.3: APPLY THE NEW POLICY

```
C:\Windows\system32>gpupdate /force
Updating policy...

Computer Policy update has completed successfully.
User Policy update has completed successfully.

C:\Windows\system32>_
```

```
C:\Windows\system32>net user testuser1
User name                    testuser1
Full Name
Comment
User's comment
Country/region code          000 (System Default)
Account active               Yes
Account expires              Never

Password last set            10/12/2025 8:24:49 PM
Password expires             1/10/2026 8:24:49 PM
Password changeable          10/13/2025 8:24:49 PM
Password required            Yes
User may change password     Yes

Workstations allowed         All
Logon script
User profile
Home directory
Last logon                   Never

Logon hours allowed          All

Local Group Memberships      *Users
Global Group memberships     *None
The command completed successfully.
```

```
C:\Windows\system32>net user testuser2
User name                    testuser2
Full Name
Comment
User's comment
Country/region code          000 (System Default)
Account active               Yes
Account expires              Never

Password last set            10/12/2025 8:24:53 PM
Password expires             1/10/2026 8:24:53 PM
Password changeable          10/13/2025 8:24:53 PM
Password required            Yes
User may change password     Yes

Workstations allowed         All
Logon script
User profile
Home directory
Last logon                   Never

Logon hours allowed          All

Local Group Memberships      *Users
Global Group memberships     *None
The command completed successfully.
```

```
C:\Windows\system32>net user testuser3
User name                    testuser3
Full Name
Comment
User's comment
Country/region code          000 (System Default)
Account active               Yes
Account expires              Never

Password last set            10/12/2025 8:24:57 PM
Password expires             1/10/2026 8:24:57 PM
Password changeable          10/13/2025 8:24:57 PM
Password required            Yes
User may change password     Yes

Workstations allowed         All
Logon script
User profile
Home directory
Last logon                   Never

Logon hours allowed          All

Local Group Memberships      *Users
Global Group memberships     *None
The command completed successfully.
```

PART 4: TESTING PASSWORD COMPLEXITY REQUIREMENTS

TASK 4.1: TEST PASSWORD POLICIES

PASSWORD ATTEMPT	EXPECTED RESULT	ACTUAL RESULT	REASON

Pass123	FAILED	```C:\Windows\system32>net user testuser1 Pass123```
		```The password does not meet the password policy requirements. Check the minimum password length, passw```
		```ord history requirements.```
		
		```More help is available by typing NET HELPMSG 2245.```
			Length of characters is below 8 and password does not contain any special characters

password	FAILED	```C:\Windows\system32>net user testuser1 password```
		```The password does not meet the password policy requirements. Check the minimum password length, p```
		```ord history requirements.```
		
		```More help is available by typing NET HELPMSG 2245.```
			Password does not contain any special characters

PASSWORD123	FAILED	```:\Windows\system32>net user testuser1 PASSWORD123```
		```The password does not meet the password policy requirements.```
		```ord history requirements.```
		
		```More help is available by typing NET HELPMSG 2245.```
			Although the length is greater than 8, password has no variation

			of any special characters
| P@ssword | PASSED | ```
C:\Windows\system32>net user testuser1 P@ssw0rd
The command completed successfully.
``` | It contains both uppercase and lowercase alphabet and variation of numerical and symbol characters |
| MySecureP@ss123 | PASSED | ```
C:\Windows\system32>net user testuser1 MySecureP@ss12
The command completed successfully.
``` | It also contains variation of uppercase, lowercase, numerical, and symbol characters |
| testuser1 | FAILED | ```
C:\Windows\system32>net user testuser1 testuser1
The password does not meet the password policy requireme
ord history requirements.
``` | Password has no uppercase and symbol characters |

TASK 4.2: VERIFY PASSOWRD AGE SETTINGS

```
C:\Windows\system32>net user testuser1
User name                    testuser1
Full Name
Comment
User's comment
Country/region code          000 (System Default)
Account active               Yes
Account expires              Never

Password last set            10/12/2025 8:51:53 PM
Password expires             1/10/2026 8:51:53 PM
Password changeable          10/13/2025 8:51:53 PM
Password required            Yes
User may change password     Yes

Workstations allowed         All
Logon script
User profile
Home directory
Last logon                   Never

Logon hours allowed          All

Local Group Memberships      *Users
Global Group memberships     *None
The command completed successfully.
```

```
Password last set            10/12/2025 8:51:53 PM
Password expires             1/10/2026 8:51:53 PM
Password changeable          10/13/2025 8:51:53 PM
Password required            Yes
User may change password     Yes
```