WiFi – Password Identifier

Day-17 JAVA training assessment

# DESCRIPTION

In this Assessment program, I was using a JAVA programming language to fetch the details of the wifi that connected to the system.  
whichis system wifi history and and their passwords.

# PROGRAM

import java.io.BufferedReader;

import java.io.InputStreamReader;

public class Main {

public static void main(String[] args) {

try {

// Step 1: List all saved Wi-Fi profiles

Process listProfiles = Runtime.getRuntime().exec("netsh wlan show profiles");

BufferedReader reader = new BufferedReader(new InputStreamReader(listProfiles.getInputStream()));

String line;

System.out.println("Saved Wi-Fi Profiles:");

while ((line = reader.readLine()) != null) {

if (line.trim().startsWith("All User Profile")) {

String profileName = line.split(":")[1].trim();

System.out.println("Profile: " + profileName);

// Step 2: Show password for each profile

Process showPassword = Runtime.getRuntime().exec(

"netsh wlan show profile name=\"" + profileName + "\" key=clear"

);

BufferedReader passReader = new BufferedReader(new InputStreamReader(showPassword.getInputStream()));

String passLine;

while ((passLine = passReader.readLine()) != null) {

if (passLine.trim().startsWith("Key Content")) {

String password = passLine.split(":")[1].trim();

System.out.println("Password: " + password);

}

}

System.out.println("-----------------------------");

}

}

} catch (Exception e) {

e.printStackTrace();

}

}

}

# OUTPUT

Saved Wi-Fi Profiles:

Profile: HomeNetwork

Password: mySecretPassword123

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Profile: OfficeWiFi

Password: officeSecure456

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Profile: CafeHotspot

Password: welcomeCafe789

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