

T.A.S.K.

Totally Automated Sign-in Keeper



Bravo company always wins

Built By: Josh Carroll

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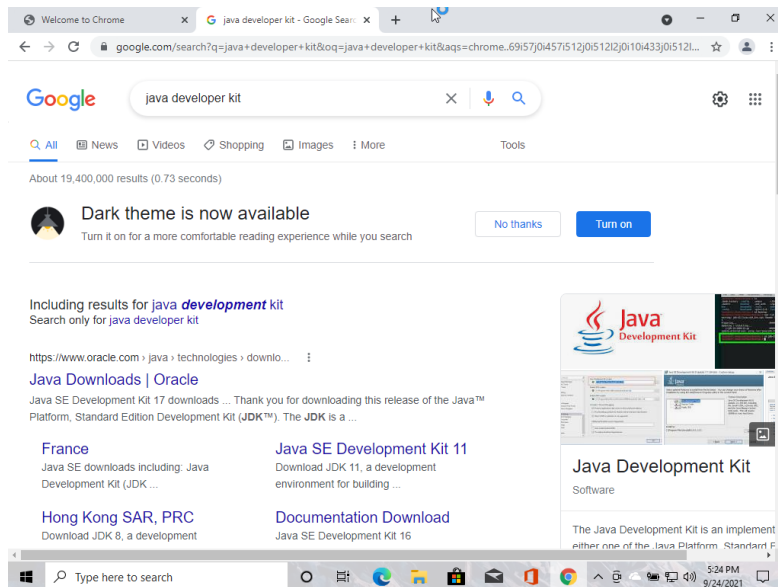
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Installing

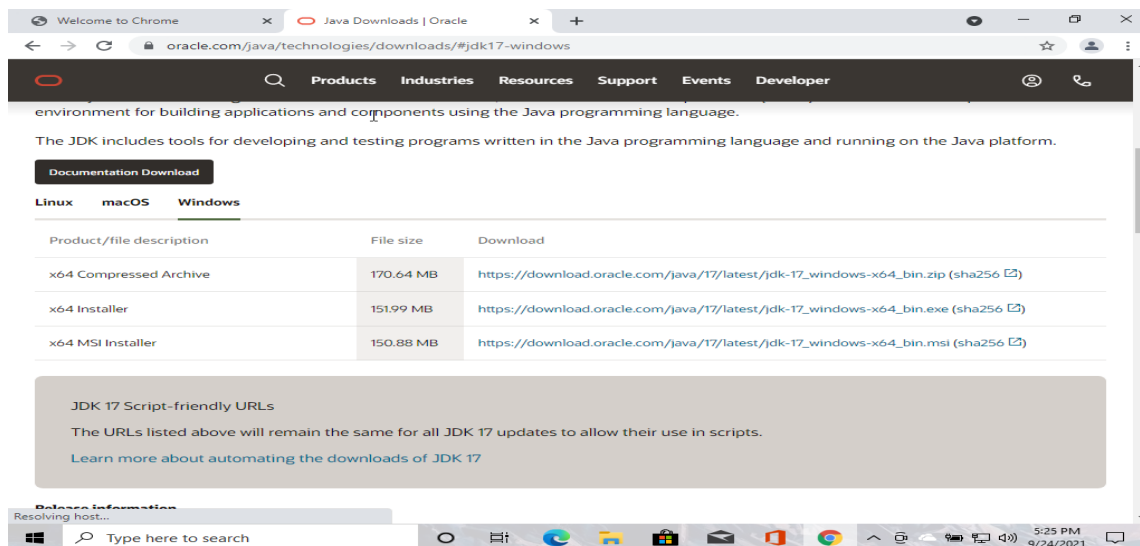
Installing Java Developer Kit

JDK is **REQUIRED** in order to use TASK, The following instructions are here to download it.

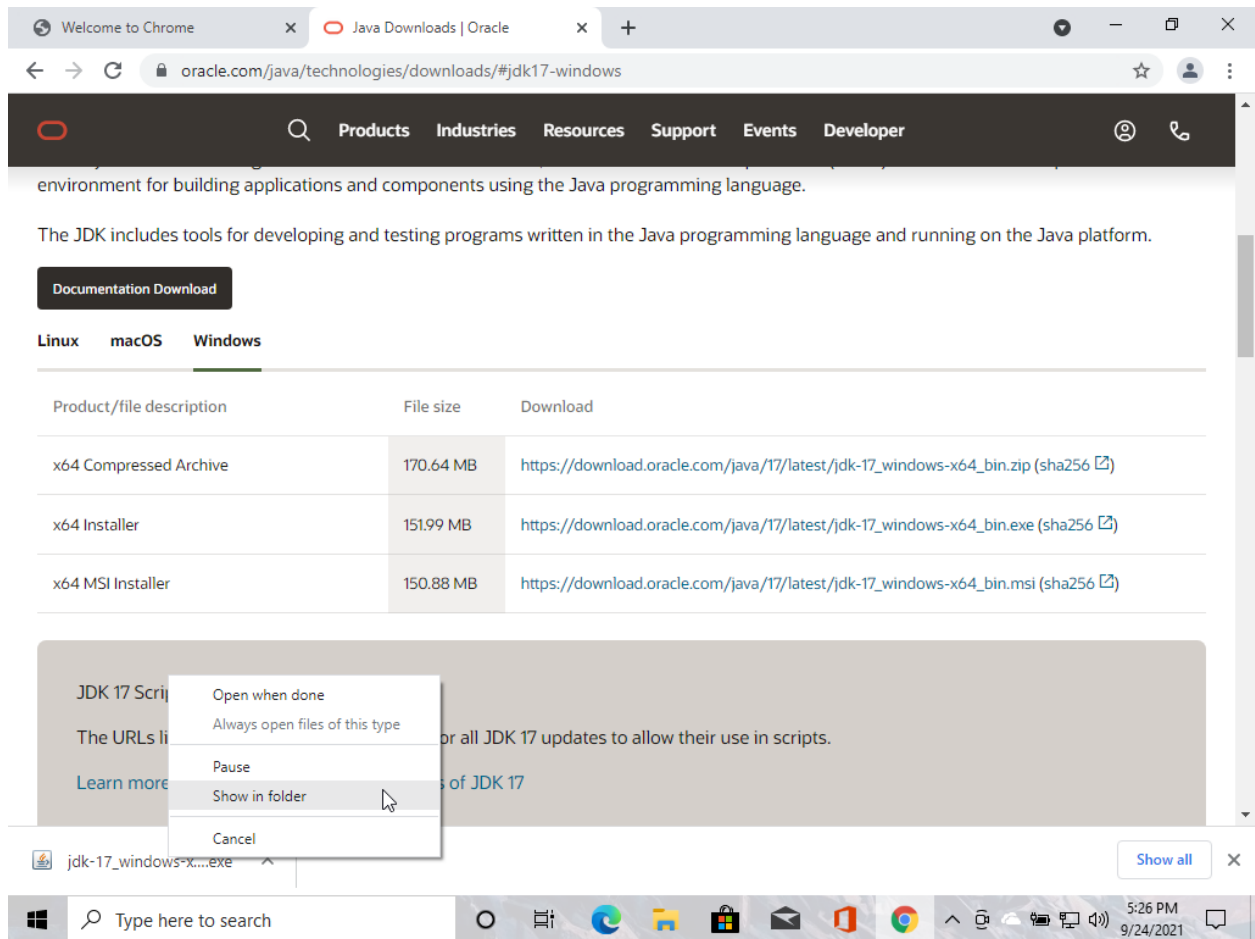
1. Google “java developer kit”



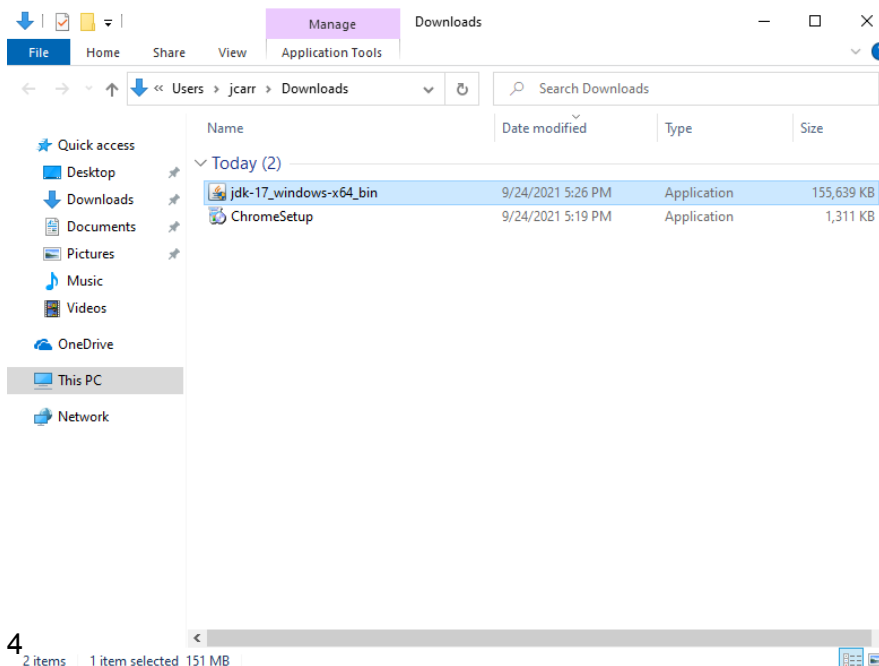
2. You will have three panes on the site(you might have to scroll down). Click on the windows option.



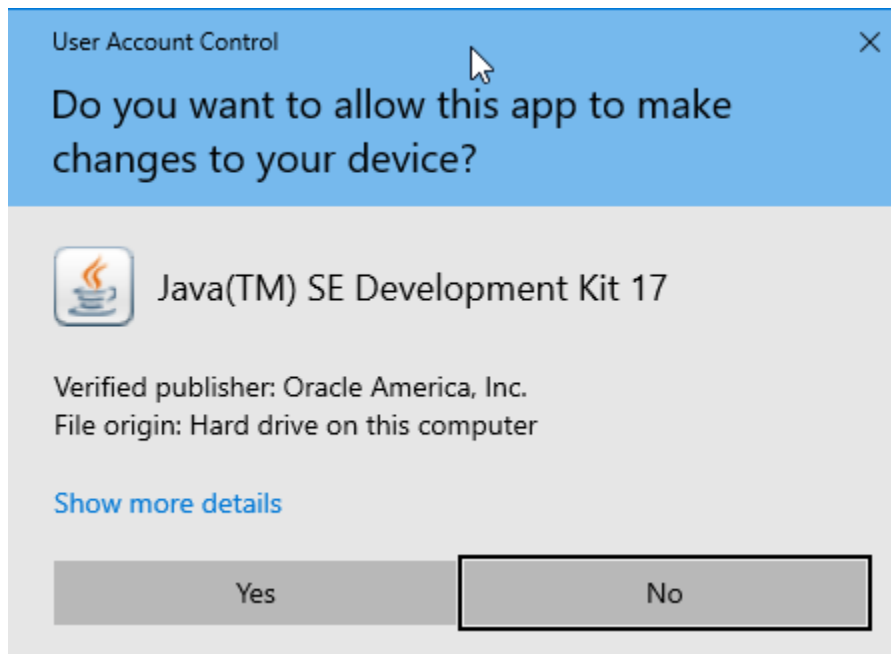
- 3.) Click on the link in the “Download” Column of the x64 installer row.
- 4.) If you are in Google Chrome, you should see the file come up as below



- 5.) Right Click on it and click the “show in folder” option.



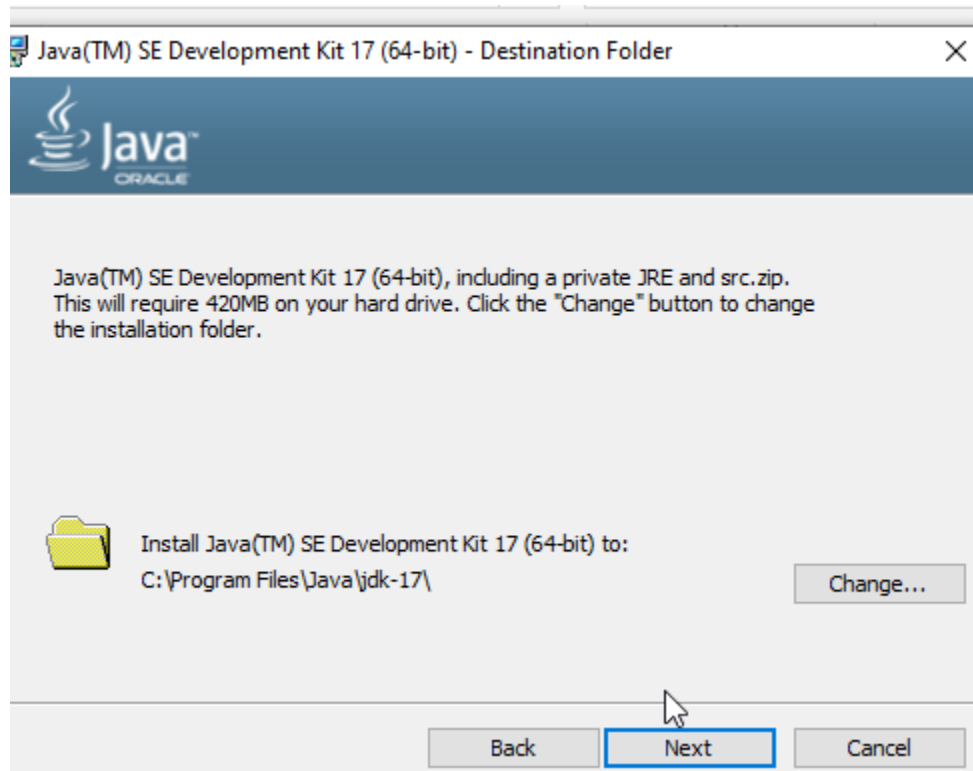
6.) The above window should come up. Double click on it.



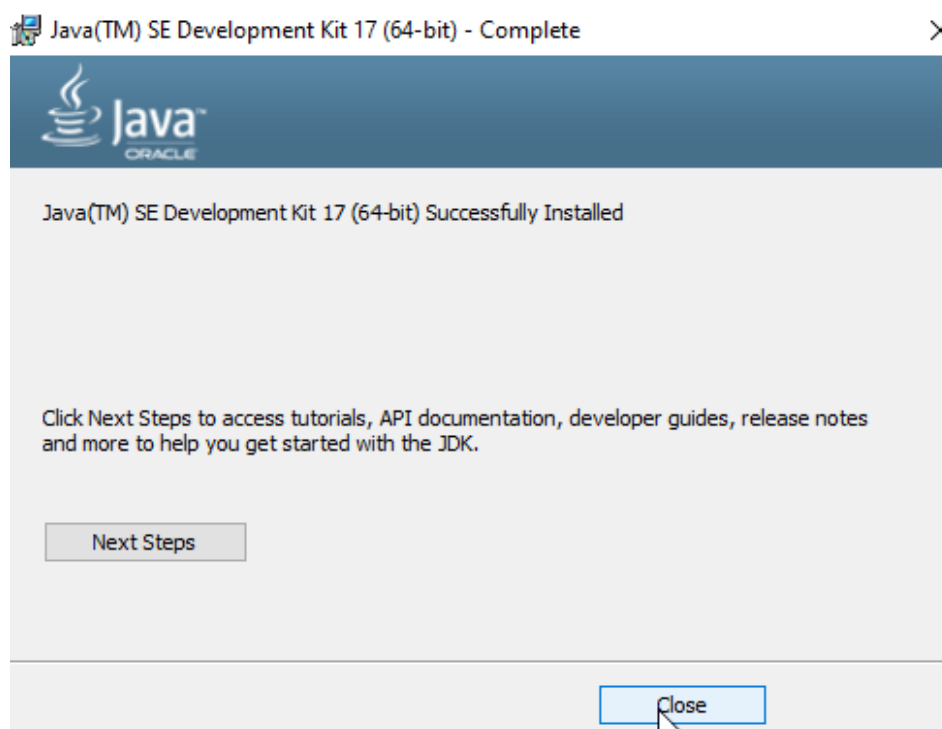
7.) This window pops up, click yes.



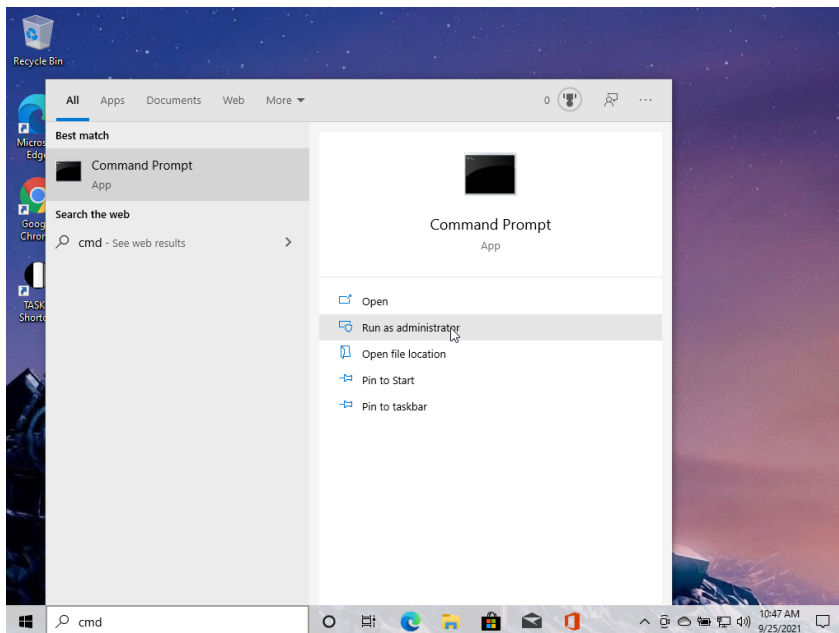
8.) This window comes up, click "next".



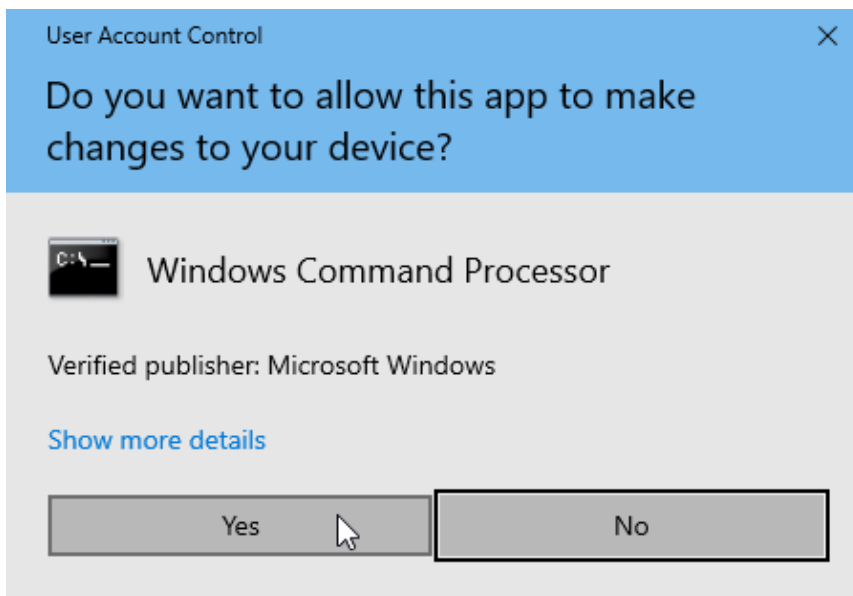
9.) This window comes up, click “next”.



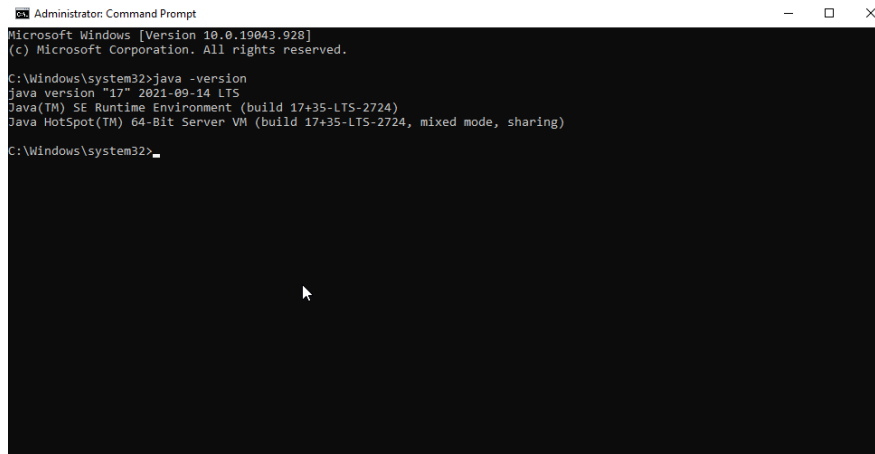
10.) Click “Close”



12.) Type cmd in the bar that says “Type search in here” in the left corner of the screen. And the command prompt should come up. Click on Run as administrator.
(If you don’t have a search bar, find the command prompt application and right click it, then click on run as administrator.)



13.) If this window comes up, click “yes”.



```
Administrator Command Prompt
Microsoft Windows [Version 10.0.19043.928]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\system32>java -version
java version "17" 2021-09-14 LTS
Java(TM) SE Runtime Environment (build 17+35-LTS-2724)
Java HotSpot(TM) 64-Bit Server VM (build 17+35-LTS-2724, mixed mode, sharing)

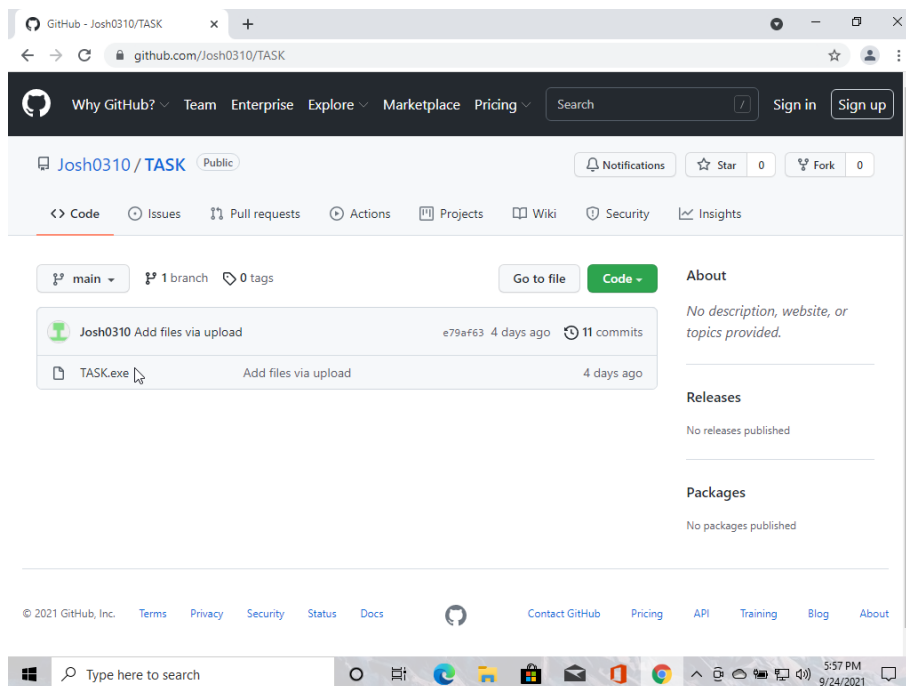
C:\Windows\system32>
```

14.) In the cmd prompt, type “java -version” and something like the above should come up. If it does, you have successfully installed JDK. Congrats,I guess.

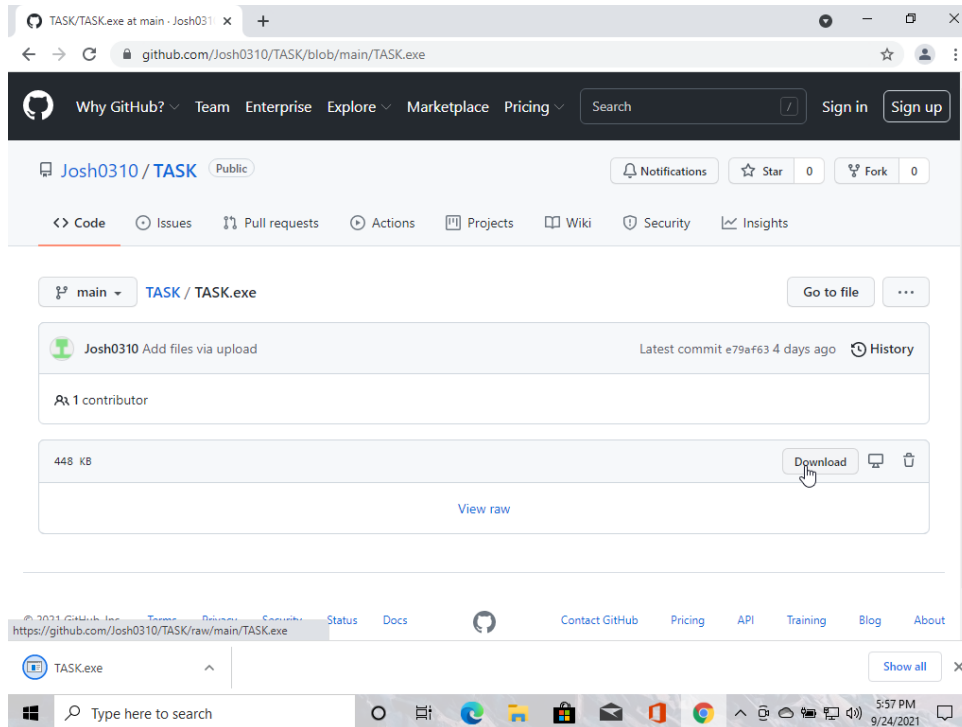
Installing TASK

<https://github.com/Josh0310/TASK/tree/main>

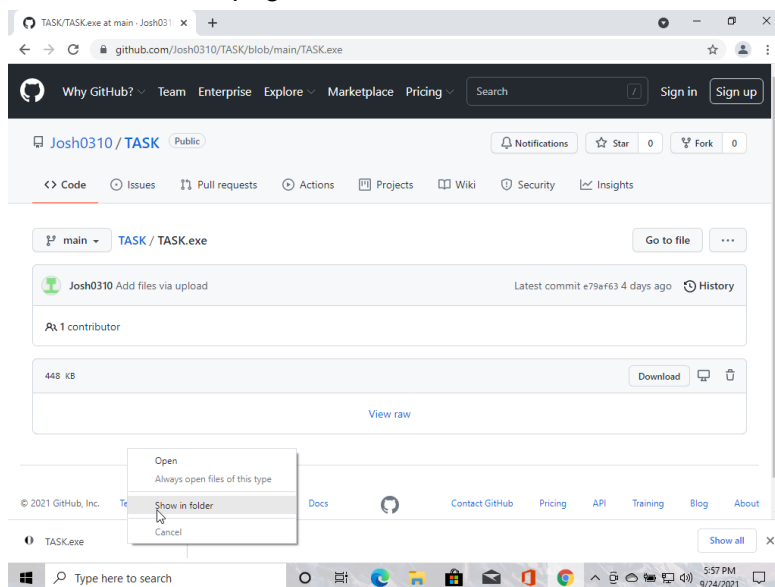
1.) Go to the following Link



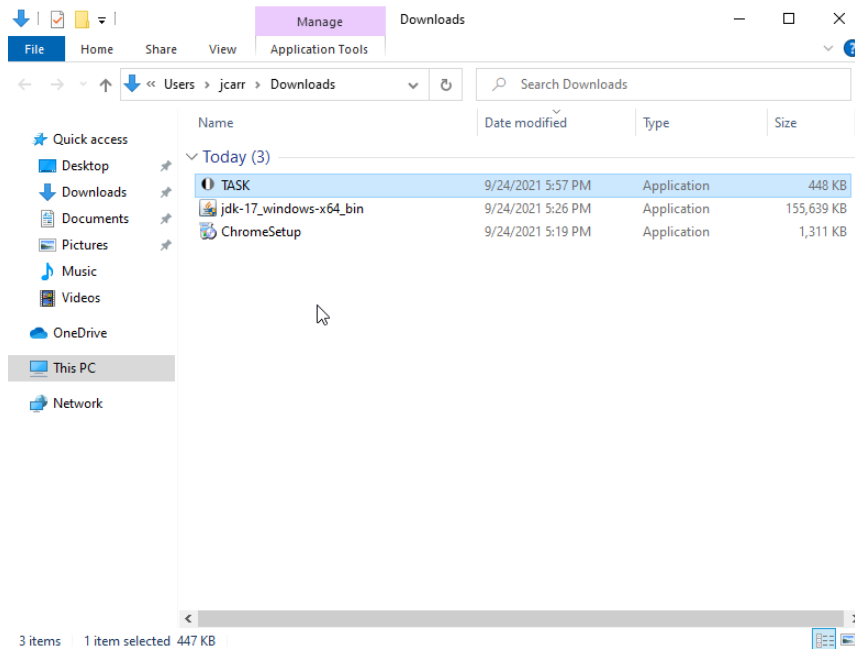
2.)Click on “TASK.exe”



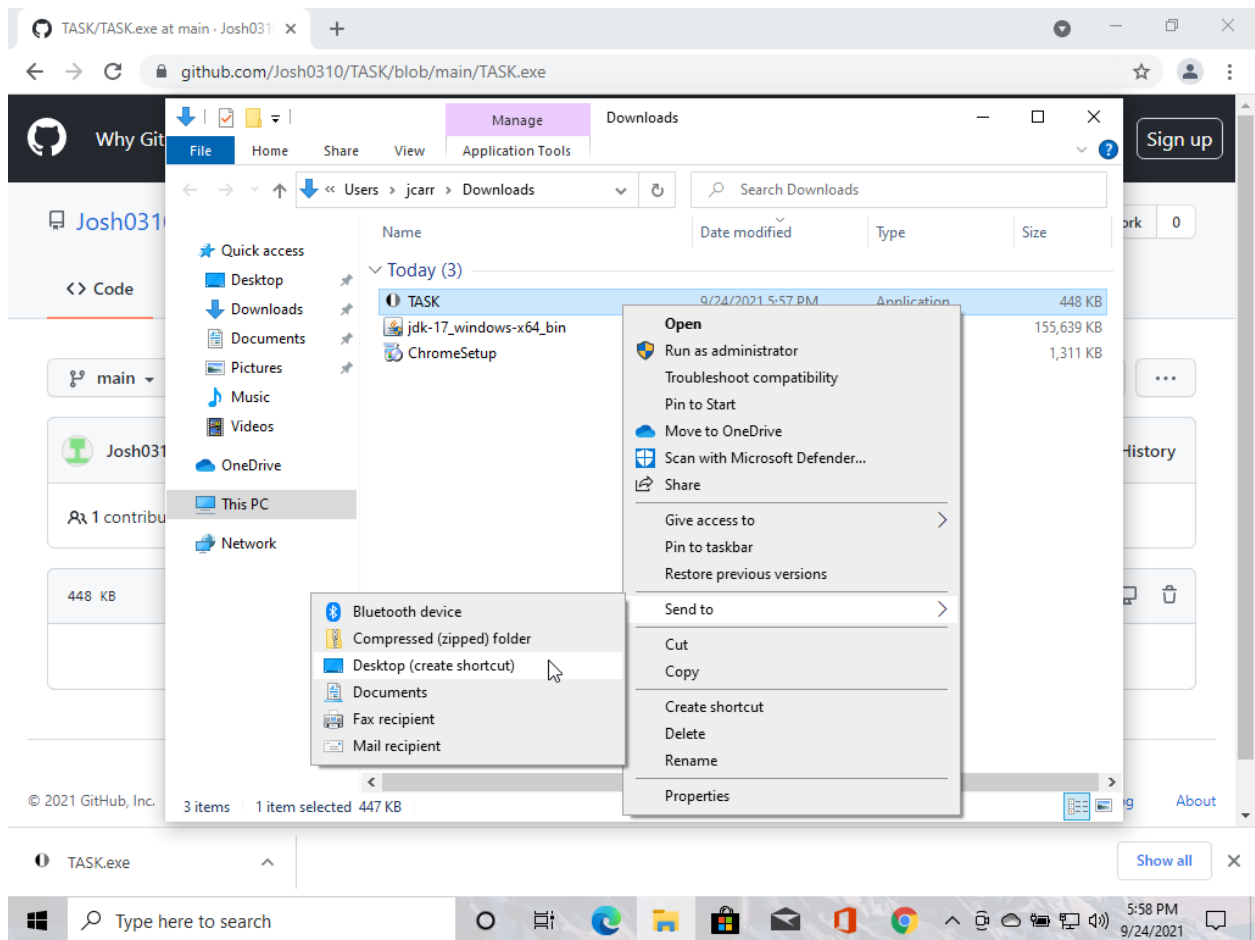
3.) It should bring you to this page. Click on the download button and the file should appear on the bottom of the page.



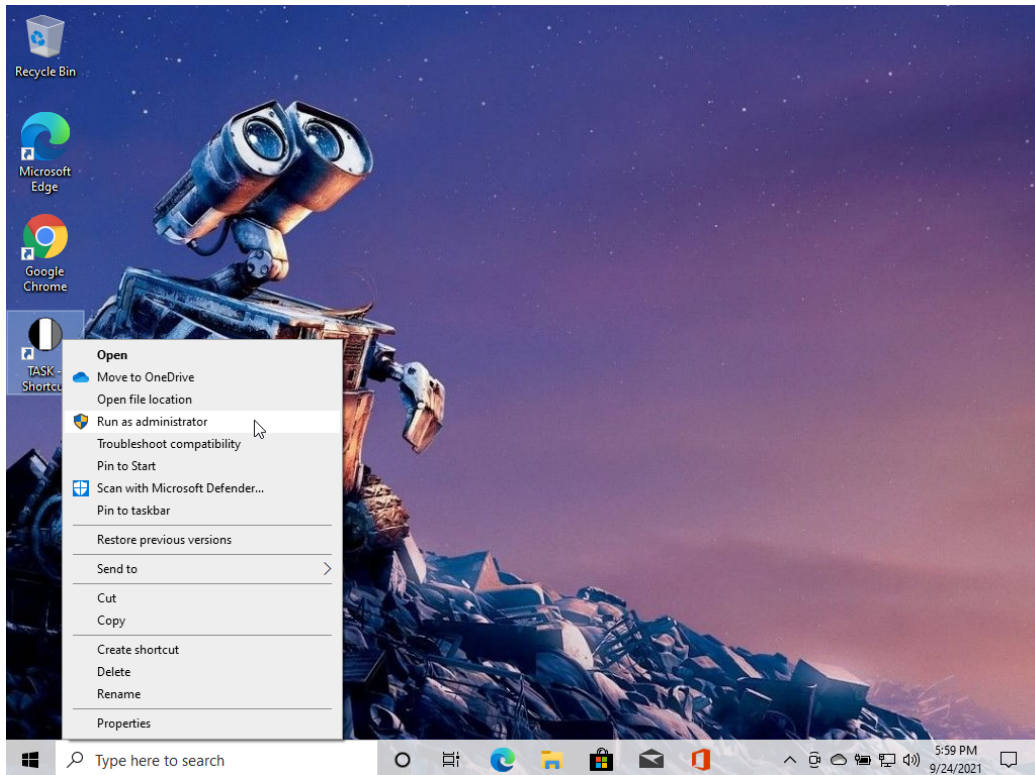
4.) Right click and then click “Show in folder”



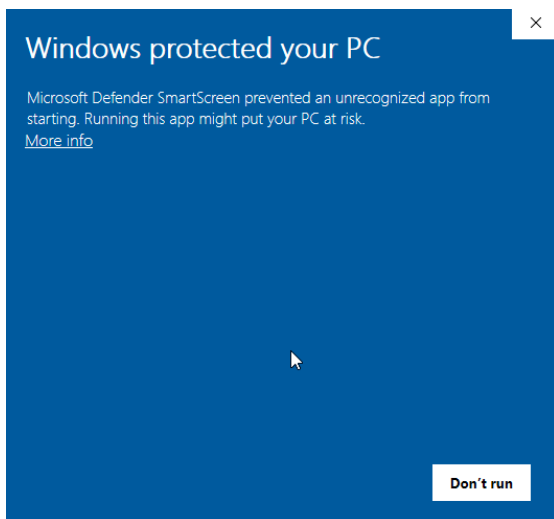
5) Right click on TASK



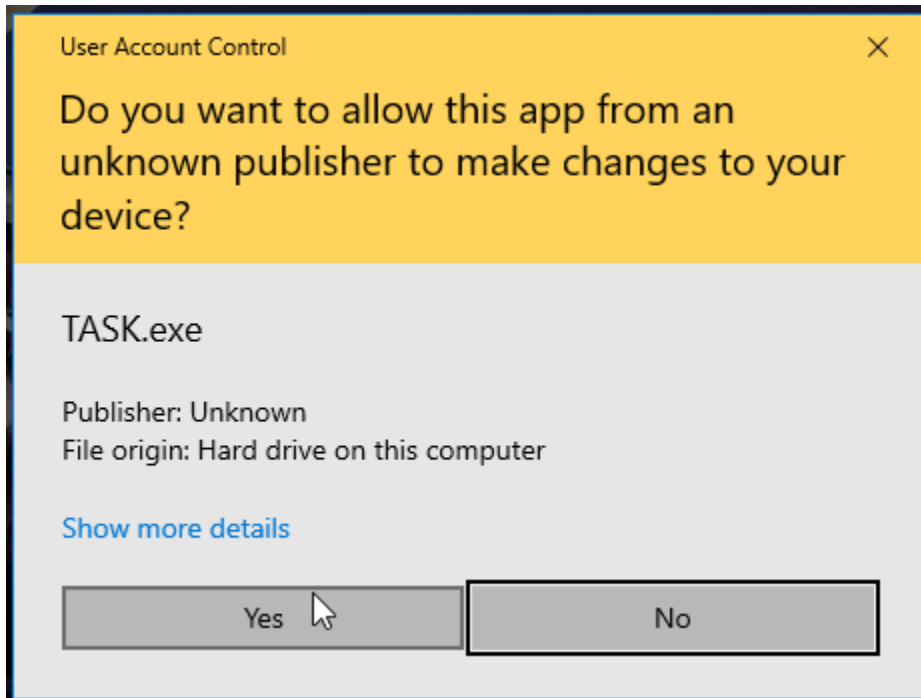
6.) Hover over “send to” and then click on “Desktop(create shortcut)”



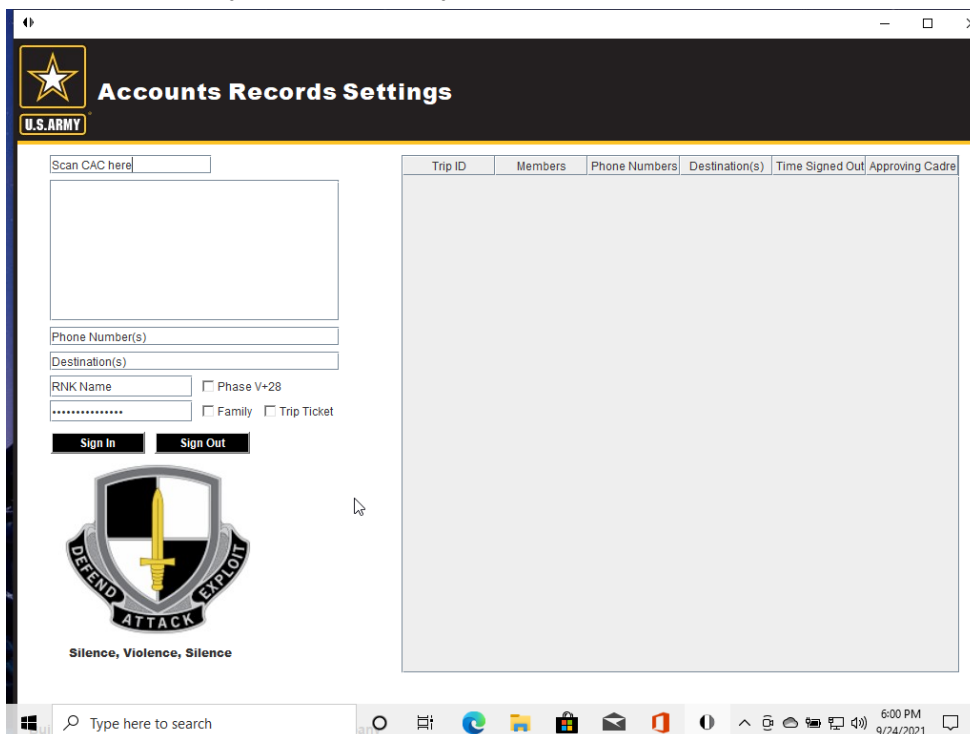
7.) Once you do that it should appear on your Desktop as “TASK - Shortcut”, Right click on it and select “Run as Administrator”. THIS IS EXTREMELY IMPORTANT you do that, otherwise the program won’t work.



8.) If this comes up it’s okay. This program is not from a major publisher and because of that, windows is trying to protect your PC. Which is great. Though in this case I (Josh Carroll) am the publisher so click on “More Info” a button will come up that says “Run anyway” go ahead and click on it.



9) Windows is a really secure OS. Go ahead and click yes. I have this program running on my PC, I created it myself and am fully confident in its abilities.



10) If you see this pop up you're good.

Setting up

Initially there is only one account for the entire program with the username “PV2 Carroll”, The password not something I am going to give here due to security purposes. You will need to make an account for each of your cadres, for that you can look at the “Adding an account” section.

Sign-Out

Accounts Records Settings

U.S. ARMY

Scan CAC here

Phone Number(s)

Destination

RNK NAME ☐ Phase V+28

***** ☐ Family ☐ Trip Ticket

Sign In Sign Out

DEFEND ATTACK EXPLOIT

Silence, Violence, Silence

Trip ID	Members	Phone Numbers	Destination(s)	Time Signed Out	Approving Cadre
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Built by PFC Carroll, 9-20-2021 @ CTB Bravo Company

1) Double click the textbox that says “Scan CAC here”, using the cac barcode scanner scan the front of one’s CAC(The side with the picture).Once you do that your name should appear in the box below that box. This displays the group of people you are leaving with.

Q)What if I don’t have my CAC or this function for some reason doesn’t work?

A)Just type in your first and last name, *each name with a capitalized first letter*.

Then hit the enter key.Your name should be added to the box below the “Scan CAC here” box.

2) Double click on the box labeled “Phone Number(s)” and type in any phone numbers that may be used to contact the leaving party separated by a comma.

- 3) Double click on the box labeled "Destination" and type in any destinations the leaving party may be going to, separated by a comma.
- 4) In the box labeled "RNK Name" type the username of the cadre member signing out said party and in the box labeled "*****" type in your password.
- 5) If they are phase V+28, and don't need a battle. Check the box labeled "Phase V+28", if said member is leaving with family. Check the box labeled "Family". If you would like to print a trip receipt. Check the box labeled "Trip Ticket."
- 6) Once every necessary box is filled click the button labeled "Sign out". Below is a before and after picture.

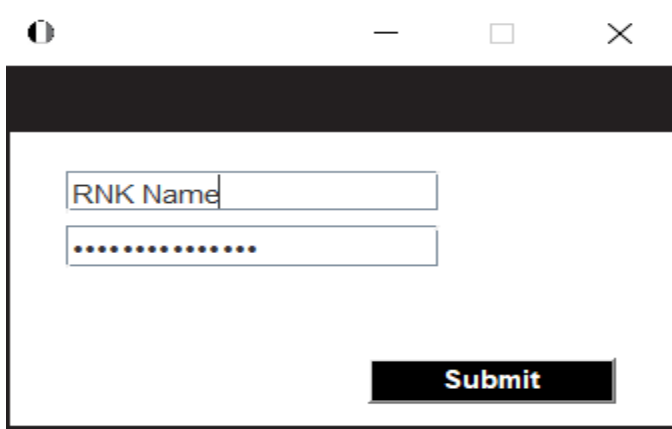
Signing In

Trip ID	Members	Phone Numbers	Destination(s)	Time Signed Out	Approving Cadre
10	Josh Carroll	8178819831	PX	09/19/2021	PV2 Carroll
11	Sam Carroll, Brando	8178819831	Golf Course	09/19/2021	PV2 Carroll

Built by PFC Carroll, 9-20-2021 @ CTB Bravo Company

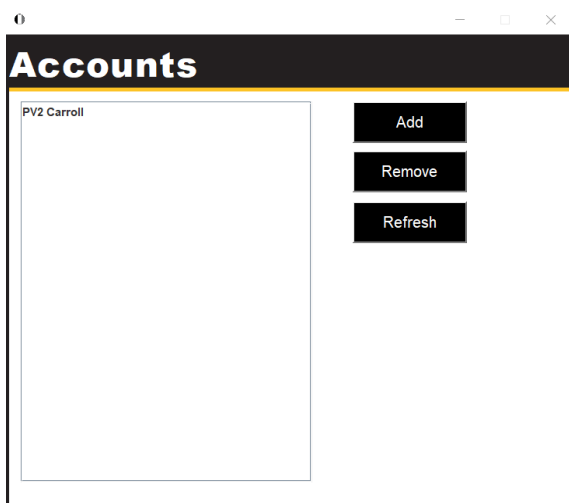
- 1) Click on the trip you want to sign in, this will mark the trip as selected and it will appear blue. If you want to sign in multiple people at once. Hold "CTRL" and click on each trip that you want to sign in.
- 2) Put in the username of the approving cadre in the box labeled "RNK NAME" and put in the password of said cadre member in the box labeled "*****".
- 3) Press the button labeled "sign in" this will remove it from the table and put it in the records.

Privilege checker

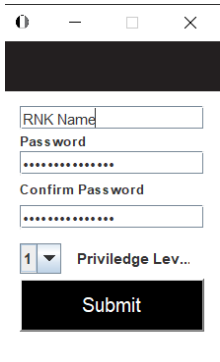
A screenshot of a web application window titled "Privilege checker". The window has a dark header bar. Below the header, there are two input fields: the first is labeled "RNK Name" and the second contains a series of dots representing a password. A "Submit" button is located at the bottom right of the form area.

- 1) If you click on "settings" or on "Accounts" you will be greeted with a window that looks like the above one.
- 2) This window helps prove your account has the needed privileges to access the tabs. Your privilege is decided when the account is made.
- 3.) Fill in your username in the box labeled "RNK Name" and the password in the box containing "*****" and click submit. If you have needed privileges you should have access the tab you originally clicked on.

Accounts

A screenshot of a web application window titled "Accounts". The window has a dark header bar with the title "Accounts" in white. Below the header, there is a large empty rectangular box on the left. To the right of this box, there are three buttons stacked vertically: "Add", "Remove", and "Refresh".

Adding an account



1) click the button labeled “Add”, a window will pop up that looks that looks like below

2) Fill in the Rank(abbreviated) and Name of the person you want to make the account for,my example for this is to the left.The password you would like for them should be written in the box labeled “Password”,confirm that password in the box labeled “Confirm Password”. After that, select the privilege you would like for said user.

3) Next you should decide the privilege of a user, each privilege level consists of the following.

- 1 - can only sign in and sign out wombats and view records
- 2 - can adjust settings and do all the things a privilege 1 can
- 3 - can make/delete accounts and do everything above

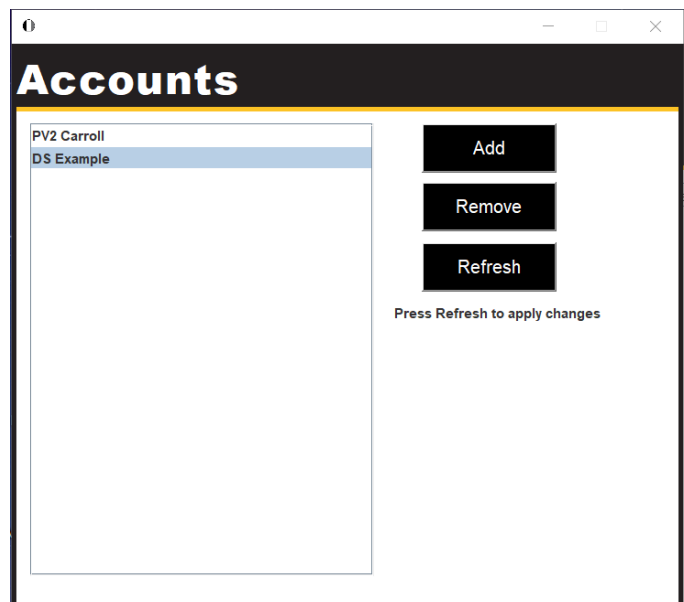
4.) Click the refresh button and the user should appear in the box to the left.



Deleting an account

- 1.)Select the account you want to delete. The name should turn blue.
- 2.)Click the remove button.
- 3.)Once the program is restarted the name will no longer be there and it's credentials will not be valid.

***If you can click on anything that is NOT an account such as whitespace DO NOT DELETE IT. It will delete all accounts.**



Settings

Settings

Company

Motto

Phone Number

Address

Misc Info you want on the bottom of receipt

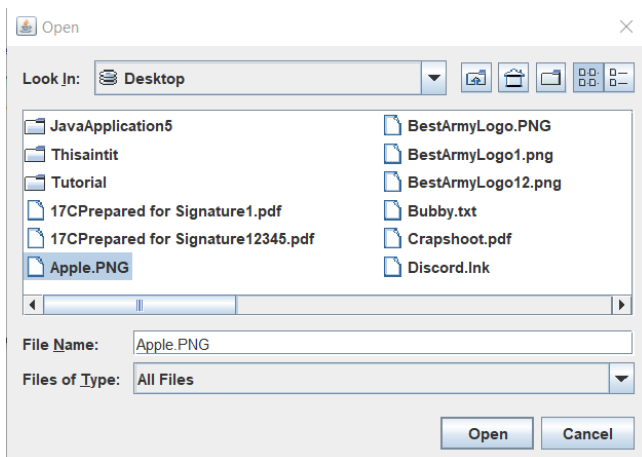
Change Icon **Change Logo** **Set Default**

Privilege Levels

- 1 - Can sign in and look at records
- 2 - can do all above and change settings
- 3 - can do all above and make/delete accounts

- 1) The Text in the Company, Motto, Phone Number, & Address box will be printed on the top of Trip Receipts. The text in the Misc info will be at the bottom of the receipt. If you want to change the Icon click the "Change Icon Button" select the file you would like to use and click open. The File in the "File Name" box is the file you will be using

- 2) If you would like to change the logo. Type what you would like the Change logo box and click on the "Change Logo" button. If you would like to set everything back to the default options. Click the "Set Default" button.



Records

Records

Beginning Date: Ending Date:

Refresh **Export** **Search**

Trip ID	Member(s)	Phone Number(s)	Destination(s)	Start-Time	Approving Cadre(Out)	End Time	Approving Cadre(In)
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Searching Records

There are two ways to inquire about records.

Way #1)

- 1) If you would like to see all the sign-outs that took place between specific dates, type the earliest date you would like to see a sign-out in the box with the label “Beginning Date” above it in the format “MM/DD/YYYY”.
- 2) type the latest date you would like to see a sign-out in the box with the label “Ending Date” above it in the format “MM/DD/YYYY”.
- 3) Click on the refresh button. You should see the results

Way #2)

- 1) If you would like to see a specific term in records like a name,date, Trip ID, etc. Type that term in the bar to the right of the search button.
- 2) Then click on the button labeled “Search”

Examples are on the next page

Way #1

0

Records

Refresh

Beginning Date

Ending Date

Export

Search

Trip ID	Member(s)	Phone Number(s)	Destination(s)	Start-Time	Approving Cadre(Out)	End Time	Approving Cadre(In)
1	Carroll, Sam	Phone Number(s)	Destination(s)	09/19/2021 10:27:40	PV2 Carroll	09/19/2021 10:27:59	PV2 Carroll
2	Cale Carroll, Sam Carroll	Phone Number(s)	Destination(s)	09/20/2021 10:39:29	PV2 Carroll	09/20/2021 10:39:42	PV2 Carroll
7	Sam Carroll	Phone Number(s)	Destination(s)	09/20/2021 10:47:30	PV2 Carroll	09/20/2021 10:48:20	PV2 Carroll
8	Josh Carroll, Sam Carroll	Phone Number(s)	Destination	09/20/2021 10:48:52	PV2 Carroll	09/20/2021 10:49:14	PV2 Carroll
9	Josh Carroll, David Beav.	Phone Number(s)	Destination(s)	09/20/2021 10:50:02	PV2 Carroll	09/20/2021 10:50:44	PV2 Carroll
10	Sam Carroll	Phone Number(s)	Destination	09/20/2021 10:53:17	PV2 Carroll	09/20/2021 10:53:57	PV2 Carroll

WAY #2

0

Records

Refresh

Beginning Date

Ending Date

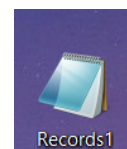
Export

Search

James

Trip ID	Member(s)	Phone Number(s)	Destination(s)	Start-Time	Approving Cadre(Out)	End Time	Approving Cadre(In)
5	Sam, Josh	Phone Number(s)	Destination(s)	09/23/2021 14:10:12	PV2 Carroll	09/23/2021 14:12:25	James
7	James	Phone Number(s)	Destination	09/24/2021 14:12:10	James	09/24/2021 14:12:25	James
6	Josh, Unk	8178819831	PX	09/25/2021 14:11:00	PV2 Carroll	09/25/2021 14:12:26	James

- If you press the button labeled "Export" all records will be sent to your desktop in a csv format with the label "Records1". This can be opened with excel, Google Sheets, etc. and used for further analysis of data.



Quick Tips & FAQ

- If you want to expand or shrink the view of a certain column in a table, just grab the side of the label with your mouse and drag it to however big you would like the column
- You can drag columns to a certain arrangement in the table by clicking on the top label and moving it where you would like
- If you are having trouble printing trip tickets make sure you have the printer set as your default printer and all the drivers not only installed but up to date.
- Modifying users was never added as a feature due to the fact that with the right credentials making new users didn't take long, If you are going to make a new user with same user but slightly modified delete the old one first that way the system doesn't get confused.
- Knowing how often cadre are signing people in and out, I didn't see it necessary to add password requirements. That being said please be responsible with the convenience granted.
- If a user doesn't have a CAC card, they can just type in their first and last name with each name correctly capitalized. The correct capitalization is mandatory, no exceptions due to the code identifying a name by using capitalization.
- When typing in several phone numbers or destinations , you can use anything to separate them EXCEPT semicolons(;). This will confuse the records system.

Q) What did you use to make this program?

A) I used Netbeans IDE, which enabled me to make sure it looked better without spending a lot of time getting into in depth code that would've just served a cosmetic purpose. If one would like to learn how to use netbeans IDE there are several tutorials on youtube.

Q) Why did you make this program?

A) I wanted to learn how to code more efficiently to make more practical applications involving a GUI (Graphical User Interface) and when it came up that the sign in systems were broken I saw it as a perfect learning opportunity for anyone who had the work ethic. I also saw this as a stepping stone to bigger and better projects that could make a difference in people's lives.

Q) How long did it take you to build this?

A) 200 - 300 hours, I started this project in late June and finished in late september.

Q) Will there be any new features added?

A) Minor (or major) bugs will be fixed but there will be no new features added. As said above I would like to move on to better things.

Q) How do I install it via USB?

A) Put the java installer you downloaded from the java website & TASK on a usb drive, Plug it in to the desired computer, move those two files onto that computer (Move TASK to the desktop on logged in user) and THEN run the java installer. After you do that you should be able to run TASK as admin.

Q) How do I uninstall TASK?

A) Delete TASK,(THE Desktop shortcut and the place you originally downloaded it) and delete the following directory "C:\Program Files\Task".