

Exploring and Setting up Tools

1. SQLMap Installation

sqlmap is an open source penetration testing tool that automates the process of detecting and exploiting SQL injection flaws and taking over of database servers. SQLmap map has been written using Python language, so we need to install Python interpreter from <https://www.python.org/> and setup the environment variables.

Step 1: Browse to <https://sqlmap.org/>

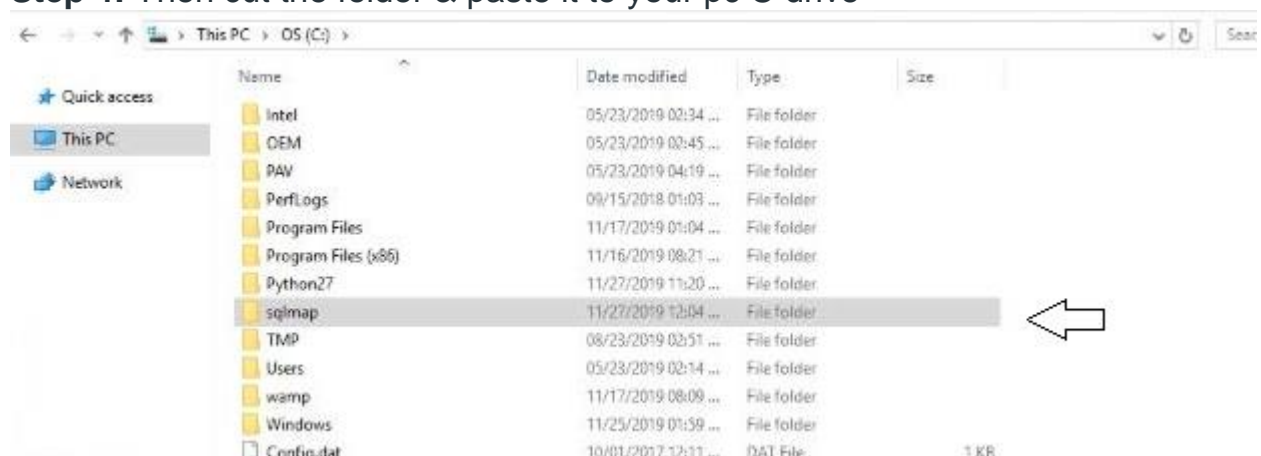
Step 2: Click on the zip file on the right side & download the file.



Step 3: Then you have to extract the zip file. And then rename it to 'sqlmap'



Step 4: Then cut the folder & paste it to your pc C drive



Step 6: Write down the following command one by one

```
cd ../ ../
```

dir

```

C:\> Command Prompt
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\> cd ../../ (1)

C:\> dir (2)
Volume in drive C is OS
Volume Serial Number is 0C29-7F1E

Directory of C:\

10/01/2017  12:11 AM                219 Config.dat
05/23/2019  02:34 PM    <DIR>          Intel
05/23/2019  02:45 PM    <DIR>          OEM
05/23/2019  04:19 PM    <DIR>          PAV
09/15/2018  01:03 PM    <DIR>          PerfLogs
05/23/2019  04:19 PM                809 PgXInstall.log
11/27/2019  11:55 AM          34,160,807 pgxsrv.log
11/17/2019  01:04 PM    <DIR>          Program Files
11/16/2019  08:21 PM    <DIR>          Program Files (x86)
11/27/2019  11:20 AM    <DIR>          Python27
11/10/2019  11:51 AM                1,862 SoftUpdateLog.txt
11/27/2019  12:05 PM    <DIR>          sqlmap
08/23/2019  02:51 PM    <DIR>          TMP
05/23/2019  02:14 PM    <DIR>          Users
11/17/2019  08:09 PM    <DIR>          wamp
11/25/2019  01:59 PM    <DIR>          Windows

         4 File(s)          34,163,697 bytes
        12 Dir(s)  119,383,670,784 bytes free

```

Step 7: Then write another commands

```
cd sqlmap
```

sqlmap.py

```

C:\> Command Prompt - sqlmap.py
11/27/2019 11:55 AM      34,168,807 pgxsrv.log
11/17/2019 01:04 PM      <DIR>       Program Files
11/16/2019 08:21 PM      <DIR>       Program Files (x86)
11/27/2019 11:20 AM      <DIR>       Python27
11/10/2019 11:51 AM      1,862 SoftUpdateLog.txt
11/27/2019 12:05 PM      <DIR>       sqlmap
08/23/2019 02:51 PM      <DIR>       TMP
05/23/2019 02:14 PM      <DIR>       Users
11/17/2019 08:09 PM      <DIR>       wamp
11/25/2019 01:59 PM      <DIR>       Windows
    4 File(s)      34,163,697 bytes
   12 Dir(s)  119,383,670,784 bytes free

C:\>\cd sqlmap (1)
C:\sqlmap>sqlmap.py (2)

  _____
  | H |
  |_____| {1.3.11.106#dev}
  | - | . [ ] | . |
  | - | . [ ] | _ | _ | , | . |
  | _ | V... | _ | http://sqlmap.org

Usage: sqlmap.py [options]

sqlmap.py: error: missing a mandatory option (-d, -u, -l, -m, -r, -g, -c, --list-tampers, --wizard, --update, --purge or
--dependencies). Use -h for basic and -hh for advanced help

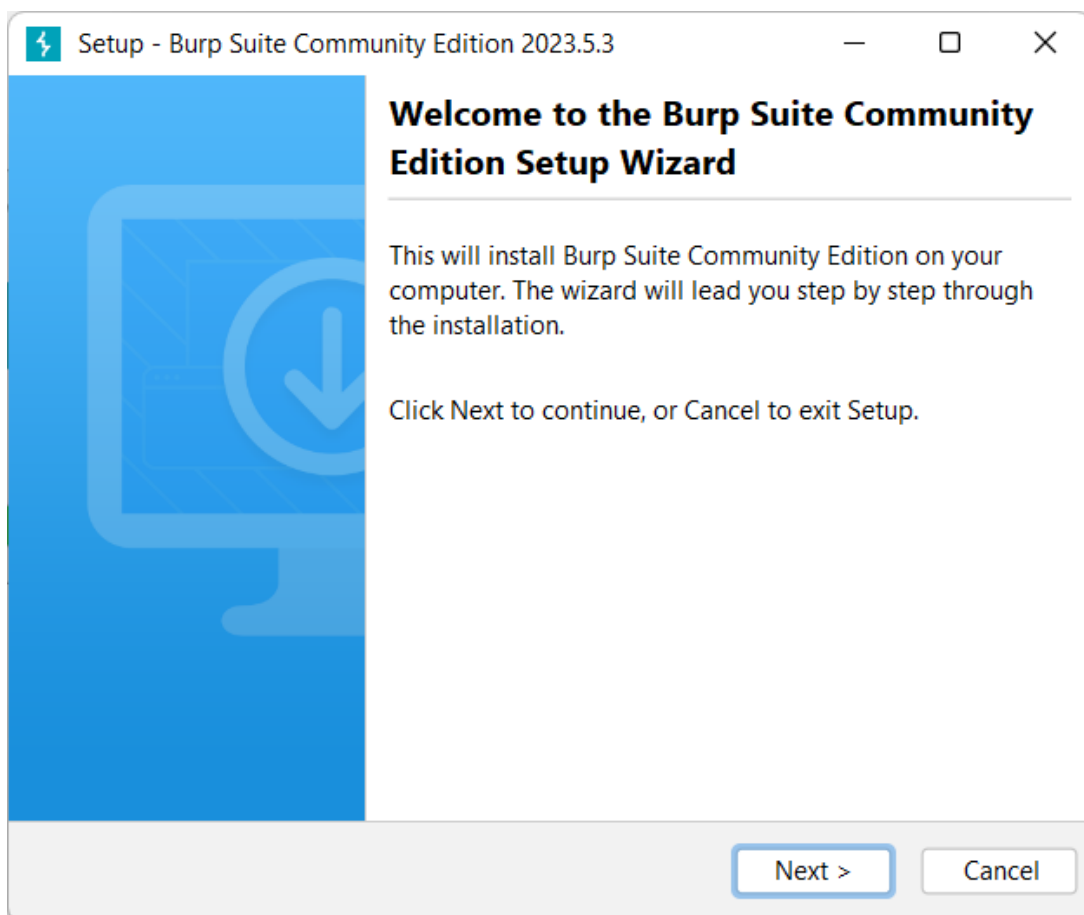
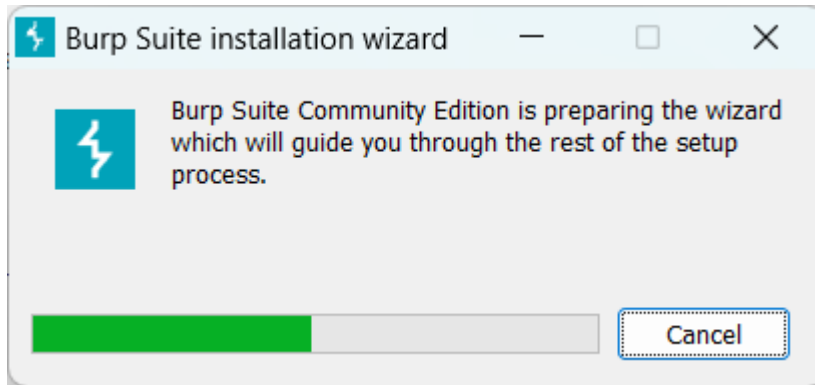
Press Enter to continue

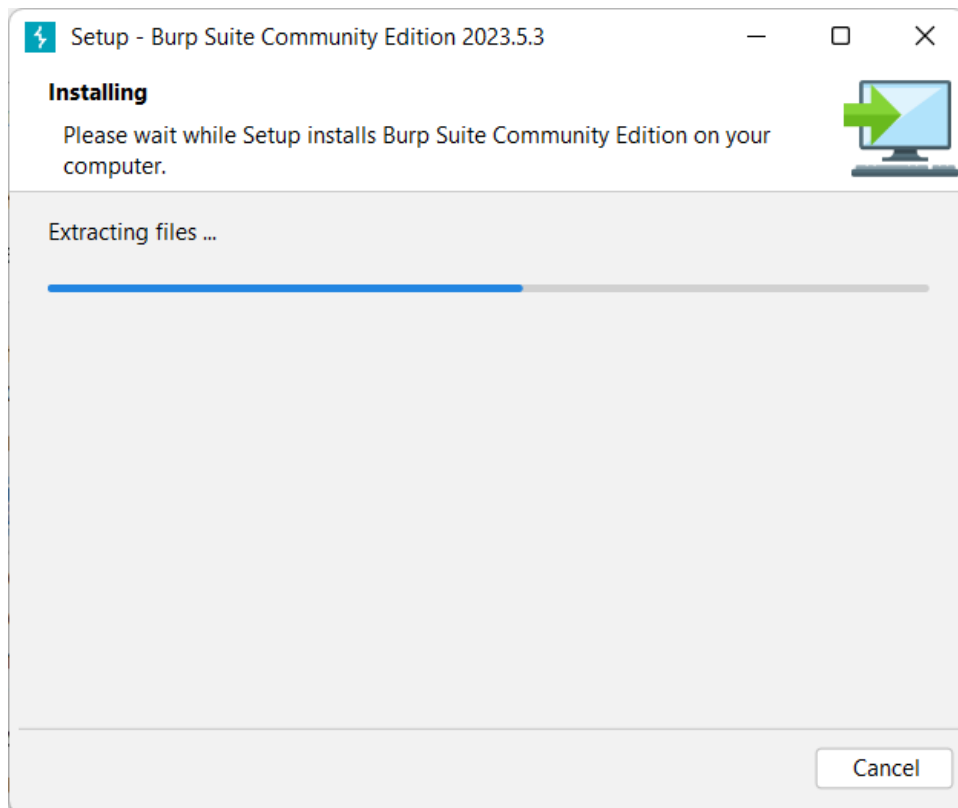
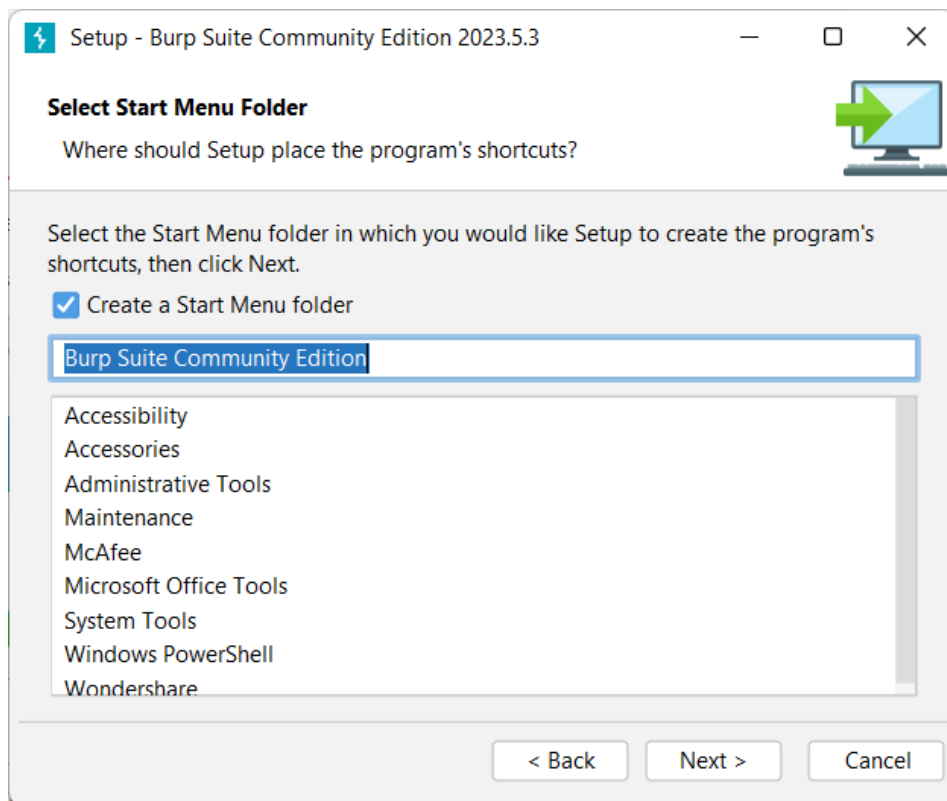
```

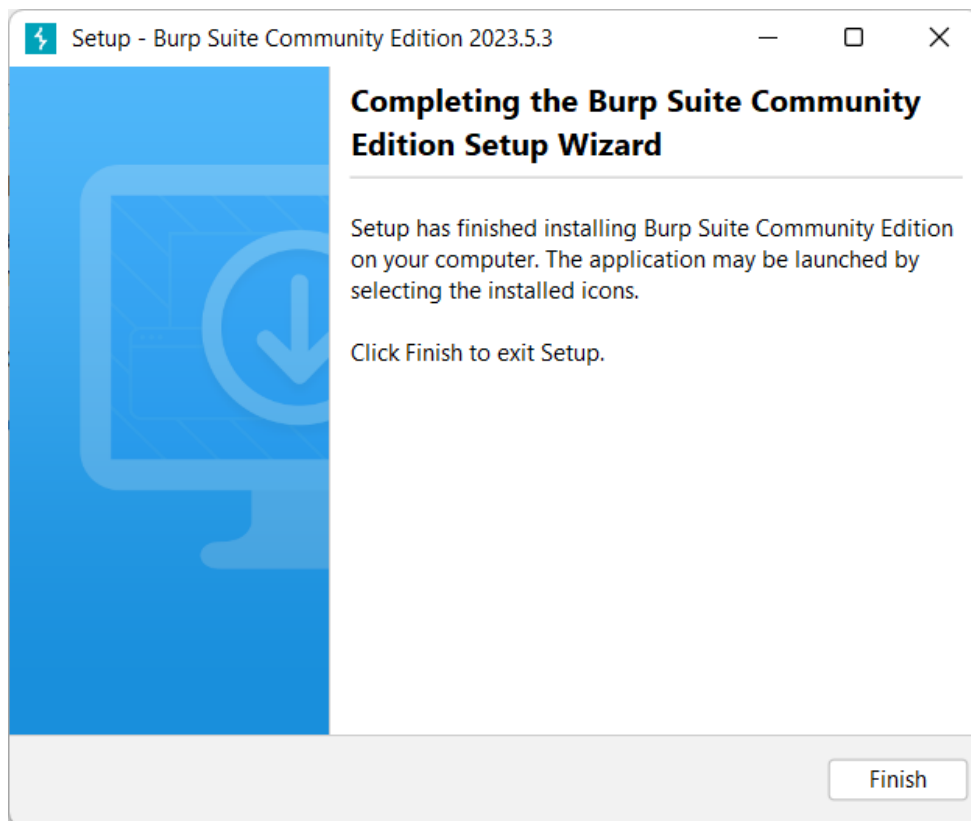
It will give the proper output & hence your installation is successful.

2. BurpSuite Installation

Browse the link <https://portswigger.net/burp/communitydownload> and download Community Edition. Launch the exe and complete the installation by following on-screen instructions.







Once the installation is successful, burp suite can be launched from start menu

