

# Mobile Programming

## Meet 1



**From:**

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**Class:**

3 I

**Absence:**

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**Study Program:**

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## OS Information

A screenshot of a Windows PowerShell terminal window. The title bar at the top reads "Windows PowerShell". Below the title bar, there's a dark blue header area with the prompt "zhars@box" and a home icon, followed by the command "winfetch". The main content area shows the output of the command, which includes system information like OS version, host name, kernel version, motherboard model, uptime, installed packages, shell version, resolution, terminal type, CPU details, GPU details, memory usage, and disk space. At the bottom of the output, there's a row of seven colored squares: black, red, green, yellow, blue, pink, and grey. The prompt "zhars@box" is visible again at the very bottom of the terminal window.


```
Windows PowerShell
```

```
zhars@box winfetch
```

```
||||| zhars@BOX  
|||||  
||||| OS: Windows 11 Home Single Language [64-bit]  
||||| Host: ASUSTeK COMPUTER INC. VivoBook_ASUSLaptop X421EAYB_K413EA  
||||| Kernel: 10.0.22631.0  
||||| Motherboard: ASUSTeK COMPUTER INC. X421EAYB  
||||| Uptime: 55 minutes  
||||| Packages: 12 (choco)  
||||| Shell: PowerShell v5.1.22621.3958  
||||| Resolution: 1920x1080  
||||| Terminal: Windows Terminal  
||||| CPU: 11th Gen Intel(R) Core(TM) i5-1135G7 @ 2.419GHz  
||||| GPU: Intel(R) Iris(R) Xe Graphics  
||||| Memory: 6.6 GiB / 7.7 GiB (85%)  
||||| Disk (C.): 214 GiB / 475 GiB (45%)  
  
|| || || || || || ||
```

```
zhars@box |
```

## Installation Git

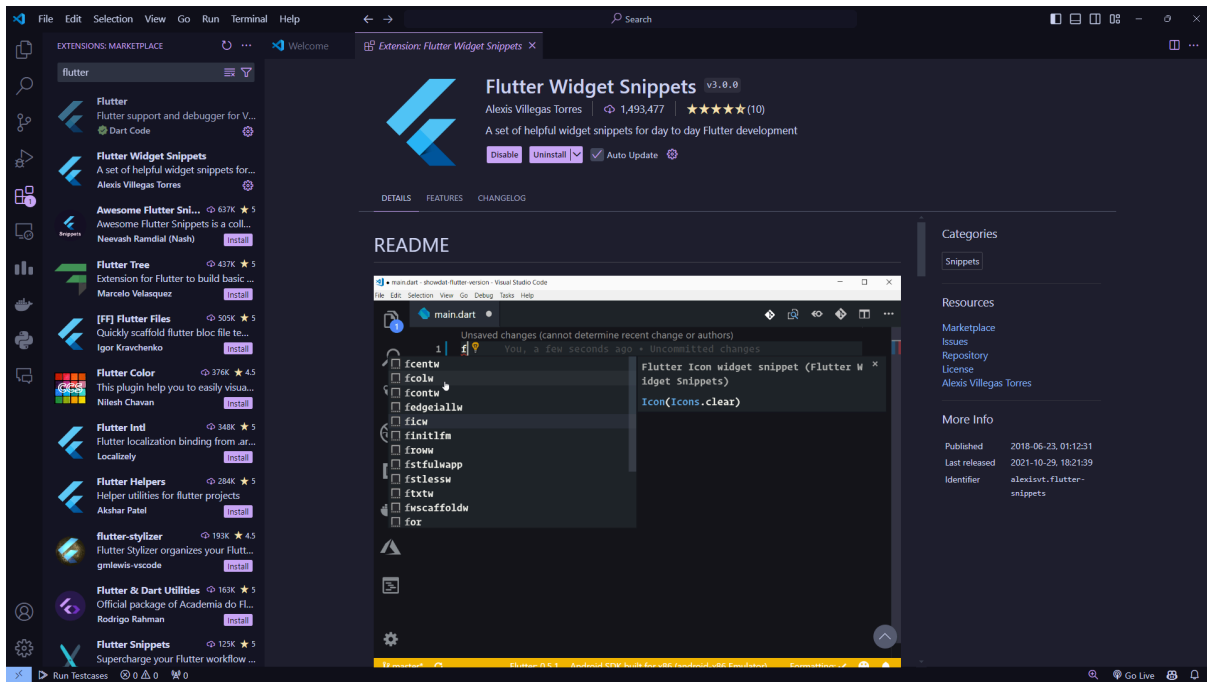


```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

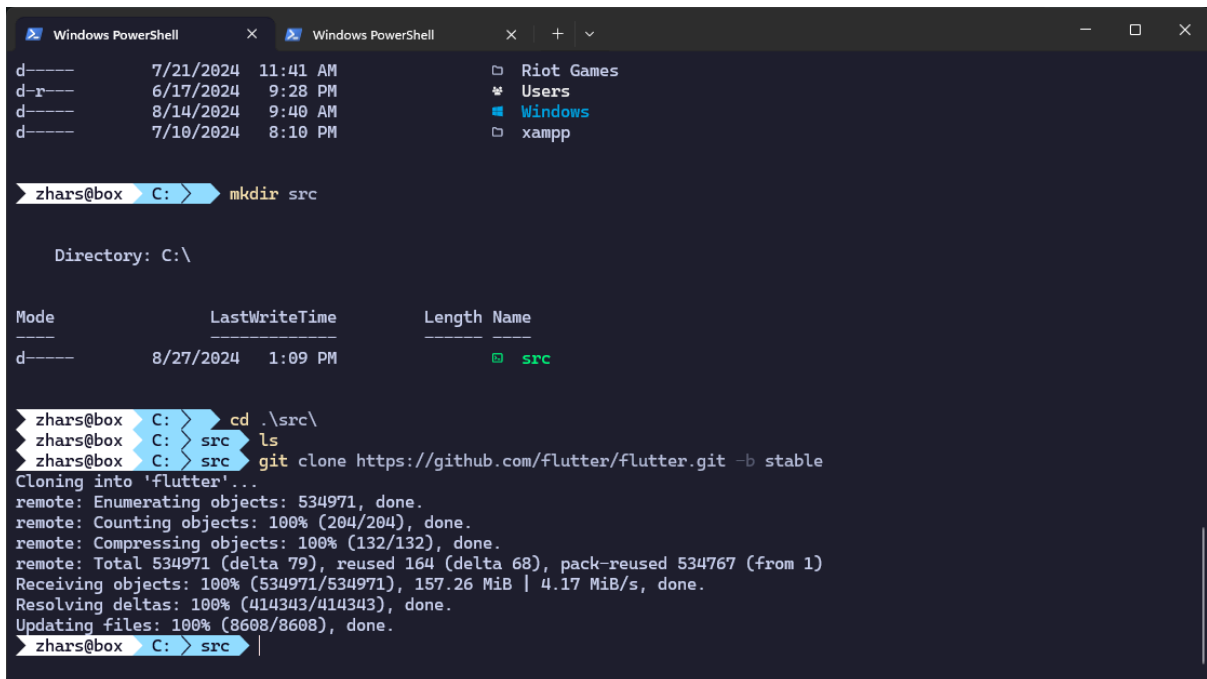
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

Loading personal and system profiles took 1549ms.
zhars@box git --version
git version 2.45.2.windows.1
zhars@box |
```

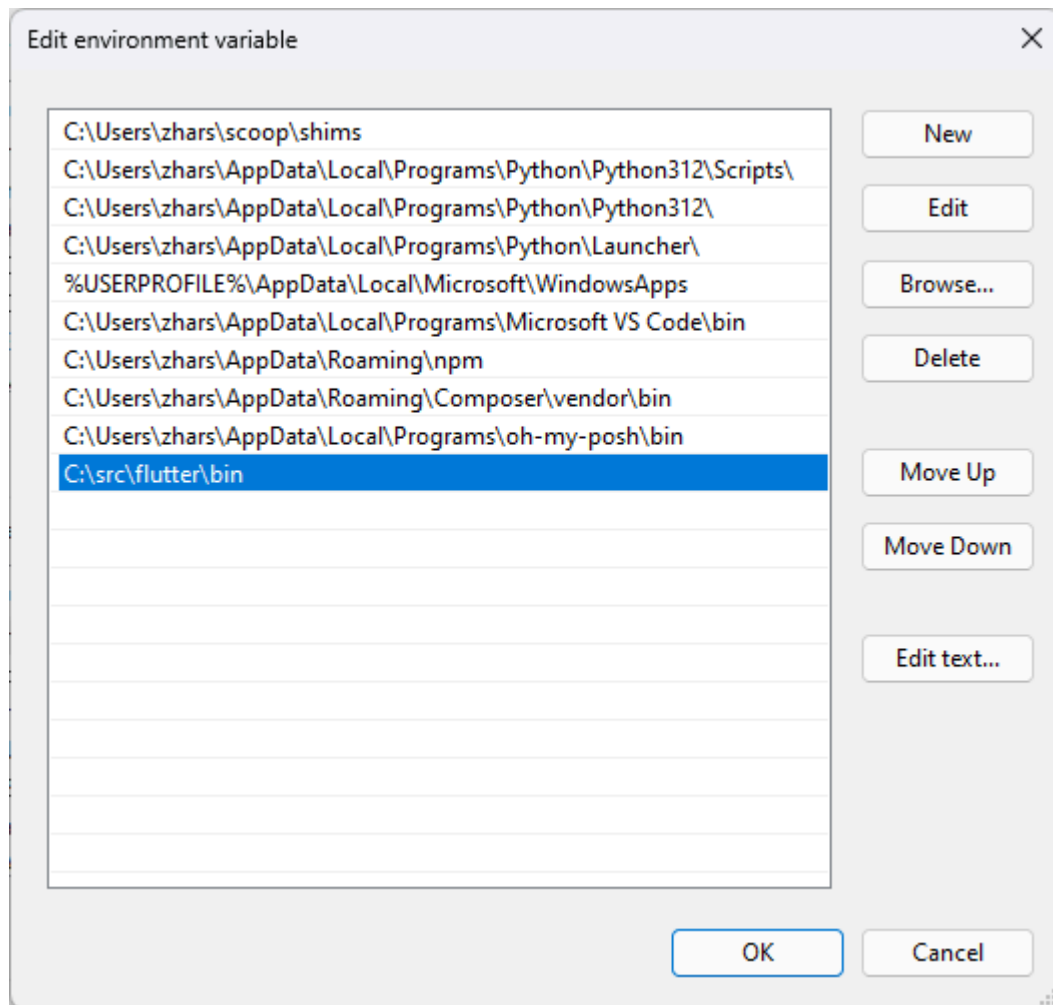
## VSCode Extension



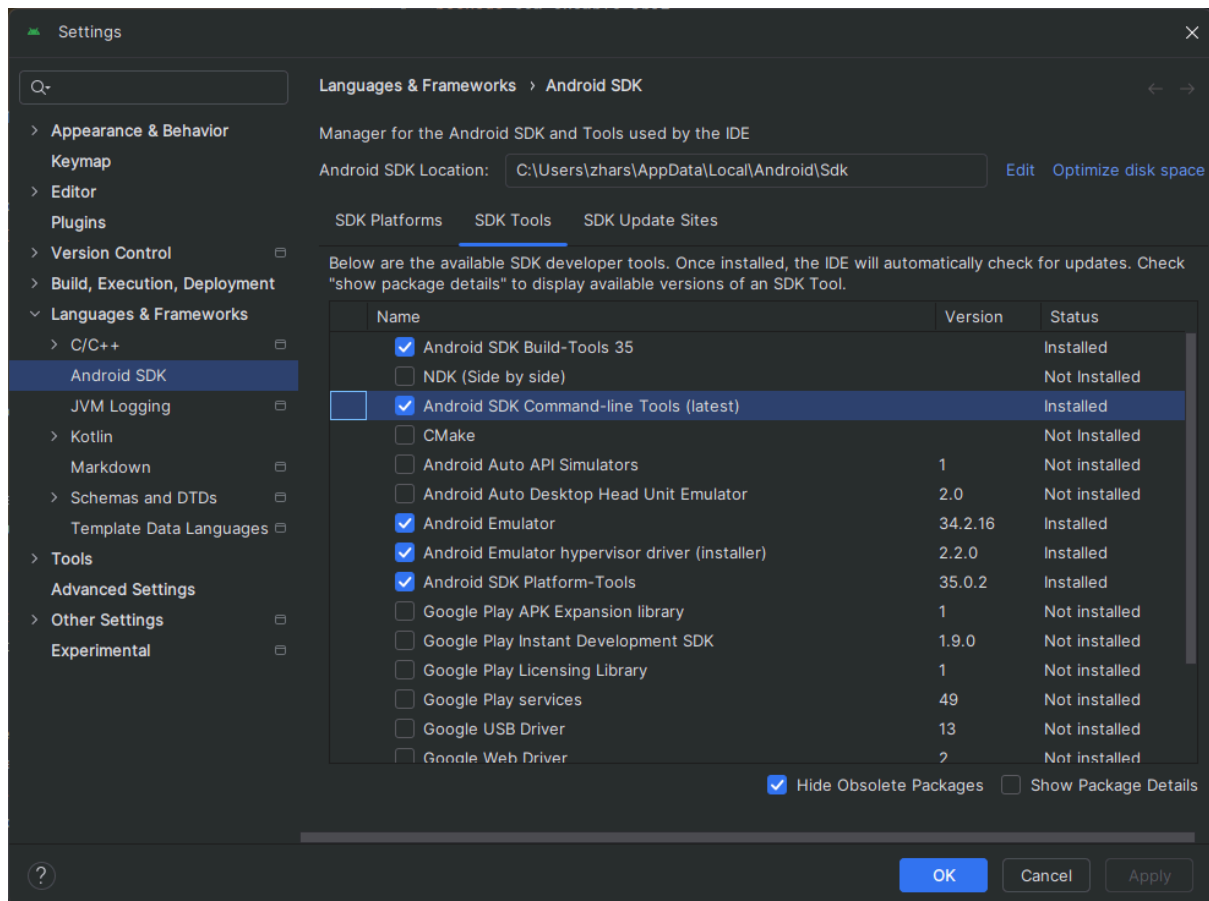
## Flutter SDK Installation



## Set Environment Variable



Install cmdline Tools Android Studio



## Run Flutter Doctor

```
Windows PowerShell
ware is licensed pursuant to the applicable Open Source software license agreement identified in the Open Source software
e comments in the applicable source code file(s) and/or file header as indicated in the Evaluation Software. Additional
detail may be available (where applicable) in the accompanying on-line documentation. With respect to the Open Source so
ftware, nothing in this Agreement limits any rights under, or grants rights that supersede, the terms of any applicable
Open Source software license agreement.

Accept? (y/N): y
All SDK package licenses accepted

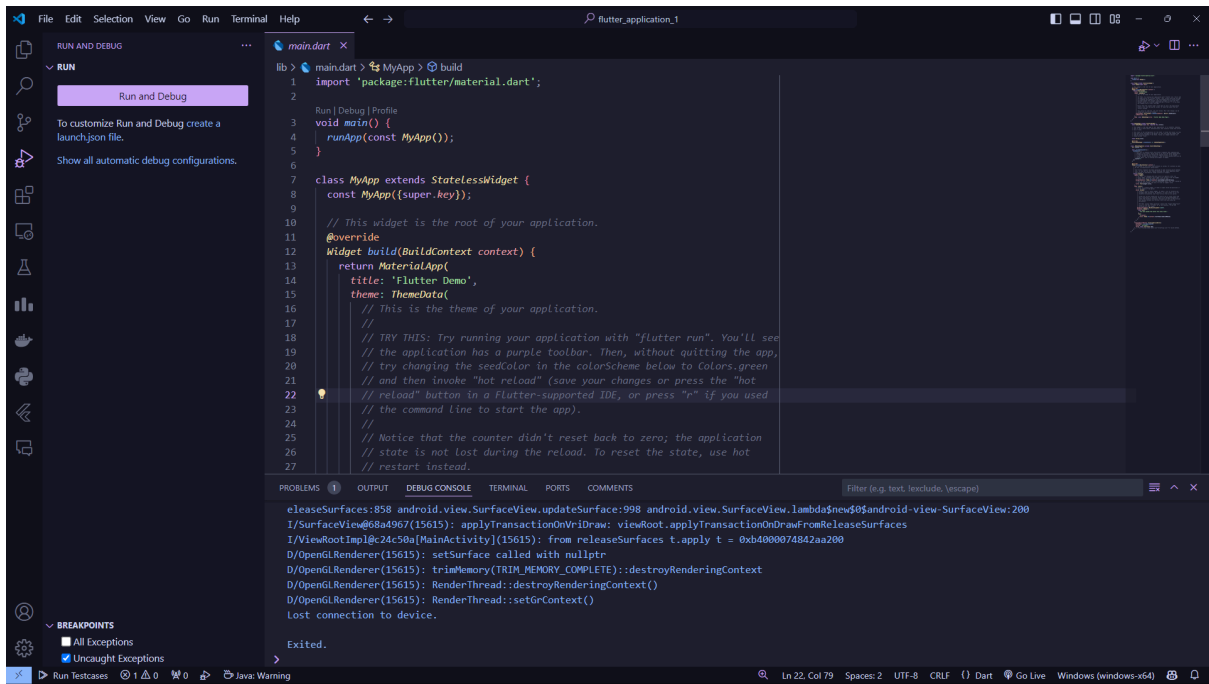
zhars@box ~ -1073741819 flutter doctor --android-licenses
[=====] 100% Computing updates...
All SDK package licenses accepted.

zhars@box ~ -1073741819 flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.24.1, on Microsoft Windows [Version 10.0.22631.4037], locale en-US)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[✓] Android toolchain - develop for Android devices (Android SDK version 35.0.0)
[✓] Chrome - develop for the web
[X] Visual Studio - develop Windows apps
    X Visual Studio not installed; this is necessary to develop Windows apps.
      Download at https://visualstudio.microsoft.com/downloads/.
      Please install the "Desktop development with C++" workload, including all of its default components
[✓] Android Studio (version 2024.1)
[✓] VS Code (version 1.92.2)
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 1 category.
zhars@box ~
```

\*We don't need visual studio - develop windows apps because we used flutter for develop a mobile app, not develop a desktop apps.

Create and run flutter project on vs code



14:03



## Flutter Demo Home Page

You have pushed the button this many times:

0

