

CORSO DI LABORATORIO DI PROGRAMMAZIONE I

ESERCITAZIONE 2

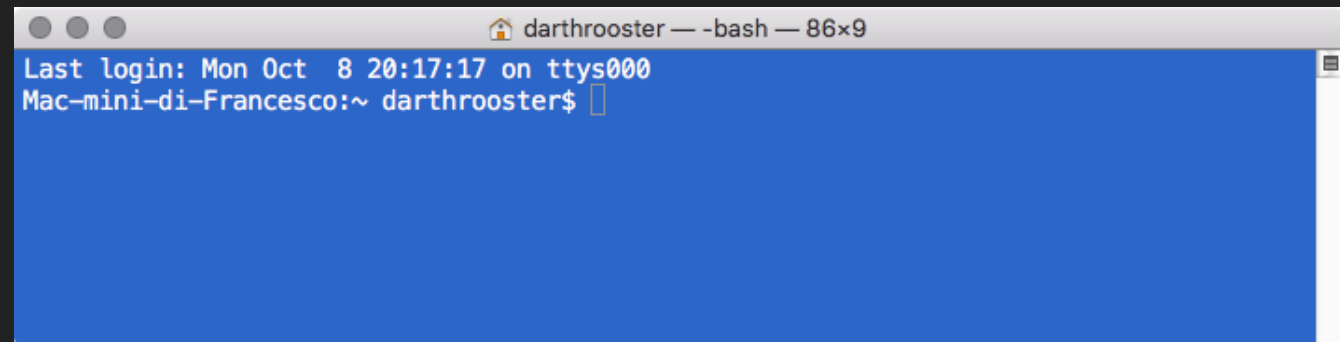
PROF. MONICA NESI – DR. FRANCESCO GALLO

Blocco 0 - francesco.gallo@univaq.it www.di.univaq.it/francesco.gallo

- ▶ Java - Installazione Editor
- ▶ Java - Creazione e compilazione file Test.java

▶ Java - Quale editor?

- ▶ Linux
- ▶ Windows
- ▶ Mac

A screenshot of a terminal window with a title bar that reads 'darthrooster — -bash — 86x9'. The terminal has a blue background and white text. It shows the login message 'Last login: Mon Oct 8 20:17:17 on ttys000' and the prompt 'Mac-mini-di-Francesco:~ darthrooster\$' followed by a cursor.

```
darthrooster — -bash — 86x9
Last login: Mon Oct 8 20:17:17 on ttys000
Mac-mini-di-Francesco:~ darthrooster$
```

+

Qualsiasi editor di testo

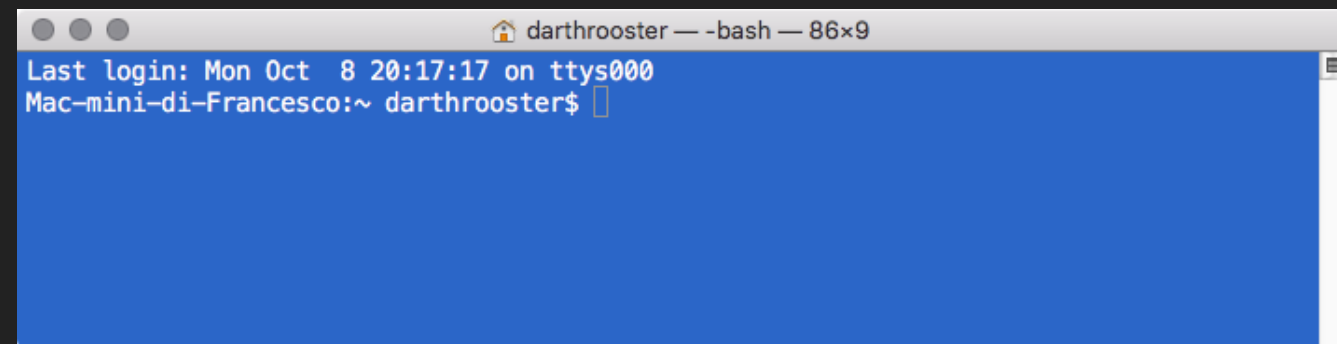
JAVA - INSTALLAZIONE EDITOR

► Java - Quale editor?

► Linux

► Windows

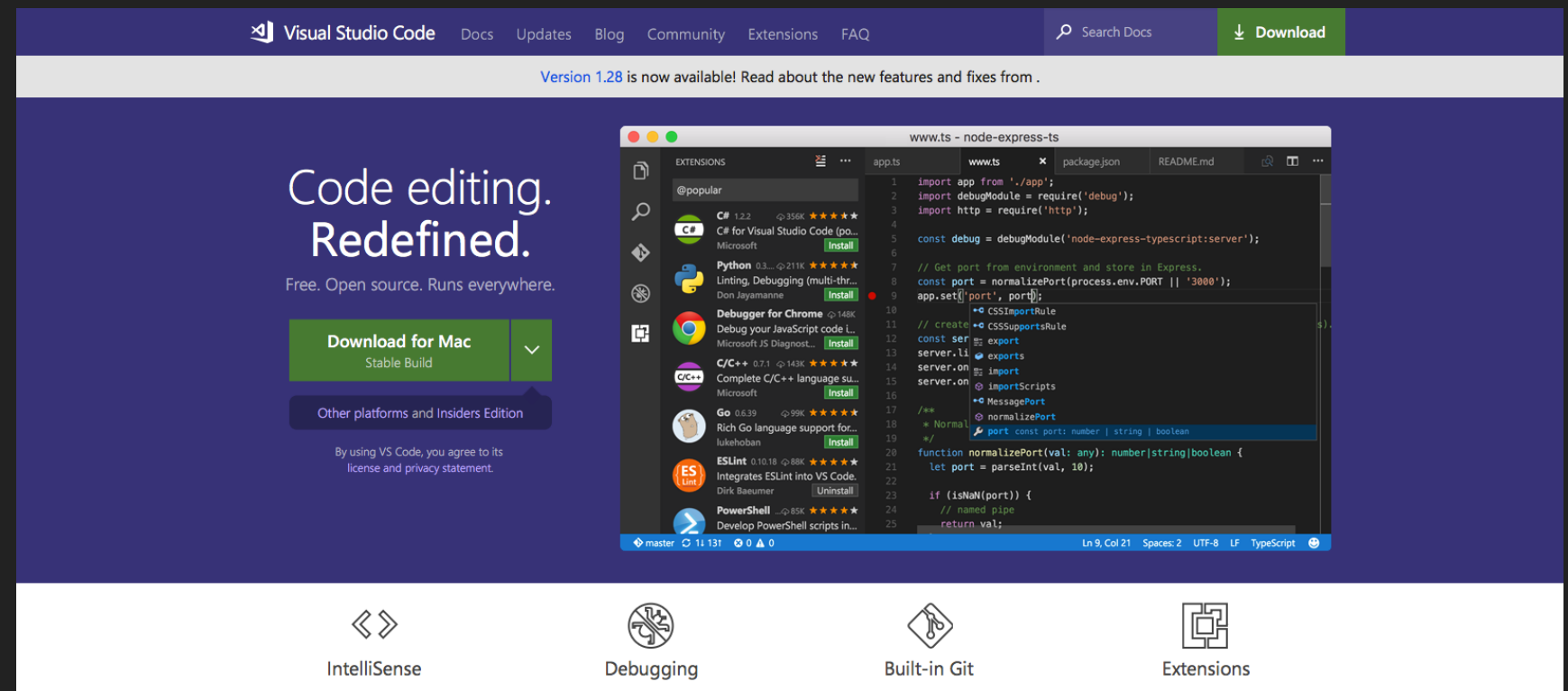
► Mac



```
darthrooster — -bash — 86x9
Last login: Mon Oct 8 20:17:17 on ttys000
Mac-mini-di-Francesco:~ darthrooster$
```



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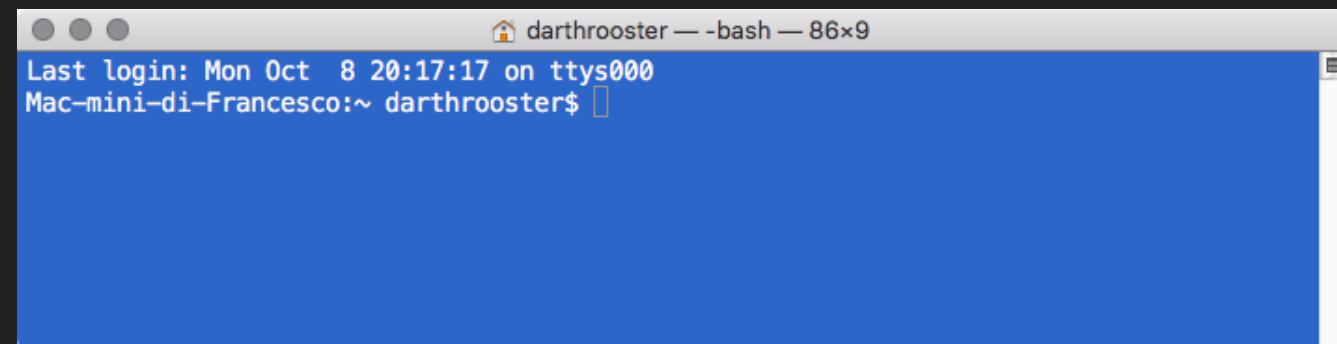
JAVA - INSTALLAZIONE EDITOR

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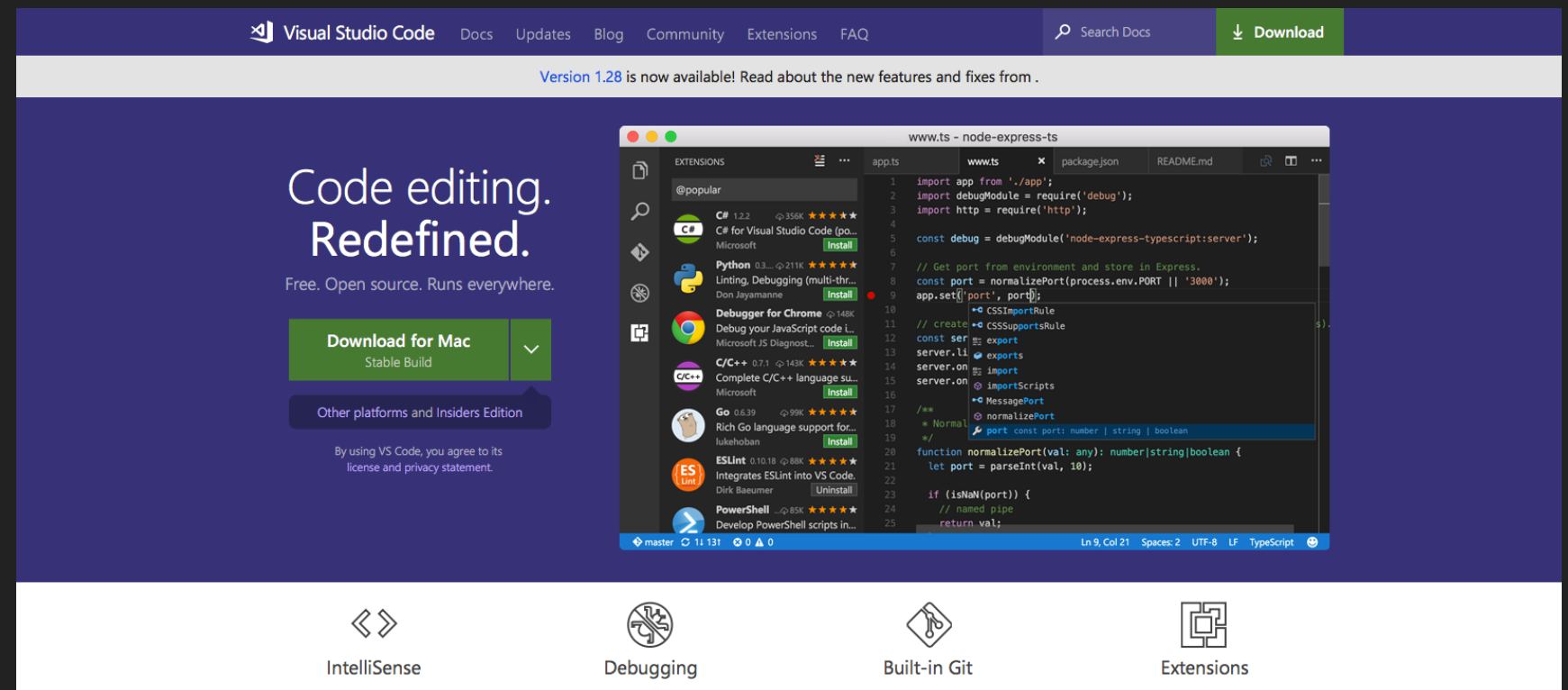
► Mac



```
darthrooster — -bash — 86x9
Last login: Mon Oct 8 20:17:17 on ttys000
Mac-mini-di-Francesco:~ darthrooster$
```



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JAVA - INSTALLAZIONE EDITOR

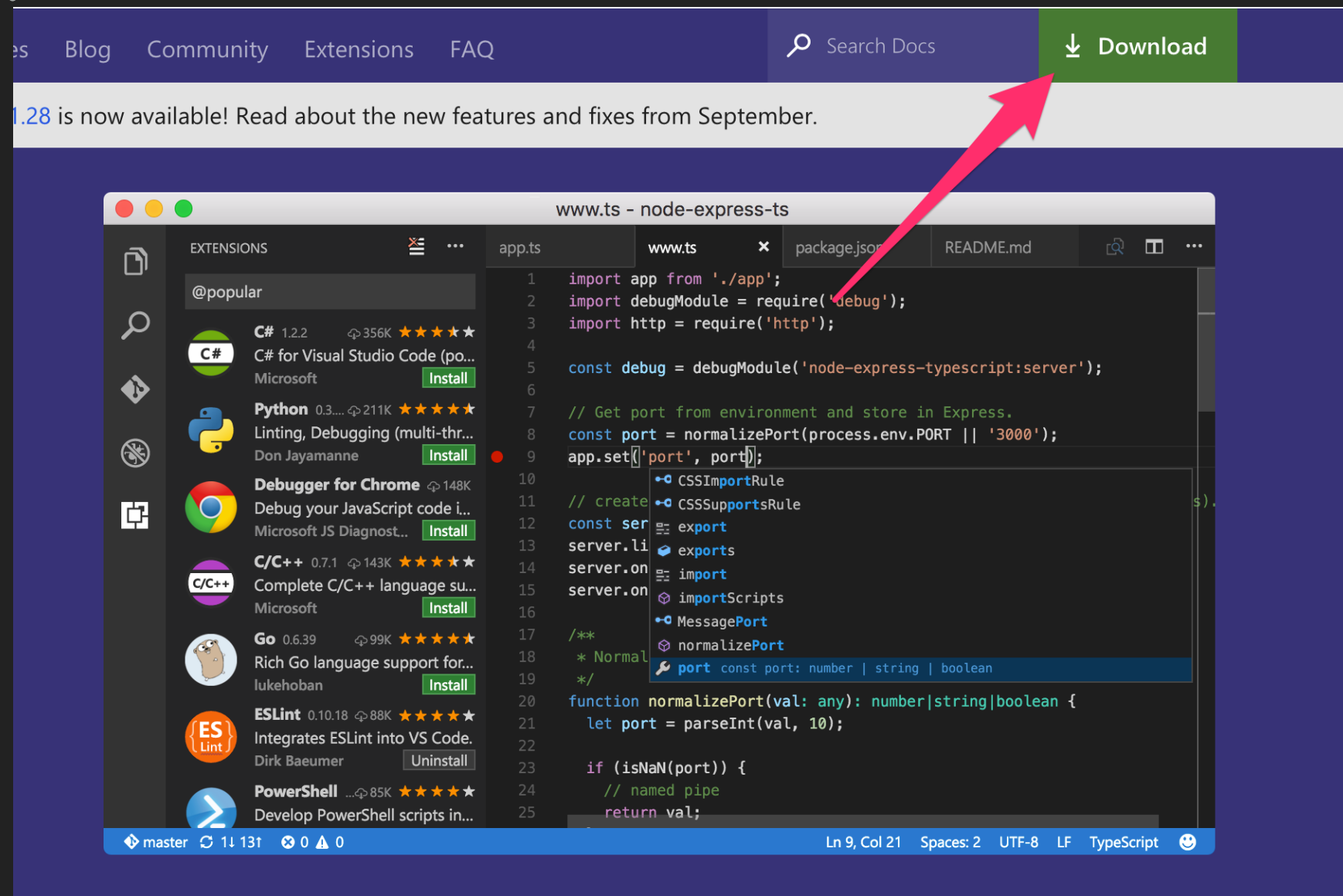
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JAVA - INSTALLAZIONE EDITOR

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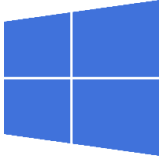
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Version 1.28 is now available! Read about the new features and fixes from September.

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↓ Windows		
Windows 7, 8, 10		
User Installer	64 bit	32 bit
System Installer	64 bit	32 bit
.zip	64 bit	32 bit



↓ .deb		
Debian, Ubuntu		
.deb	64 bit	32 bit

↓ .rpm		
Red Hat, Fedora, SUSE		
.rpm	64 bit	32 bit
.tar.gz	64 bit	32 bit



↓ Mac		
macOS 10.9+		

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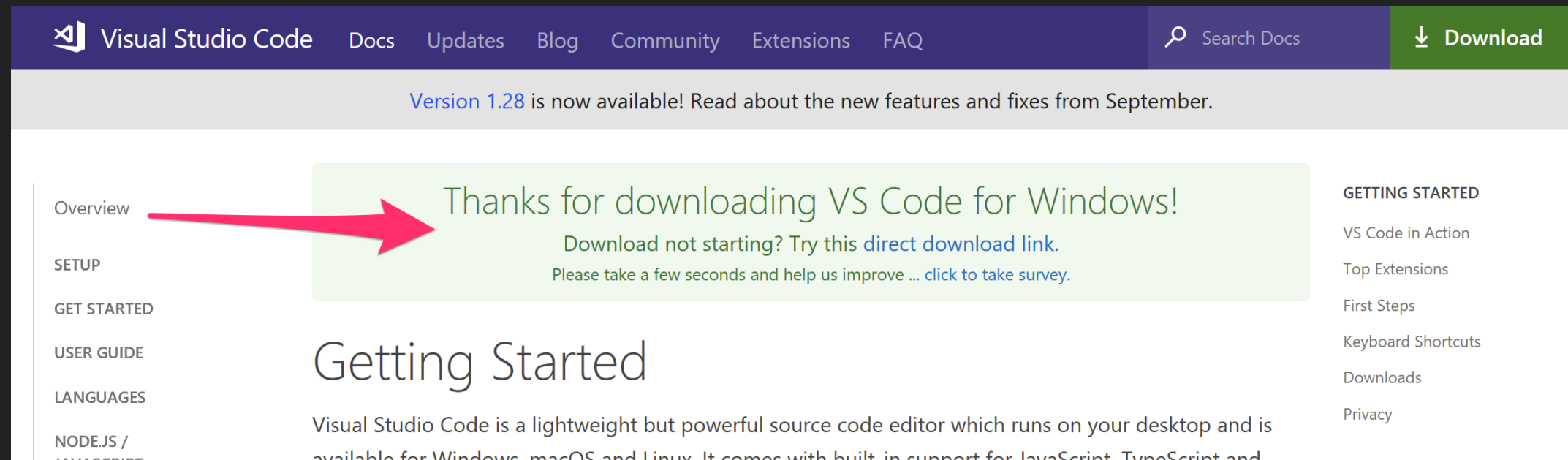
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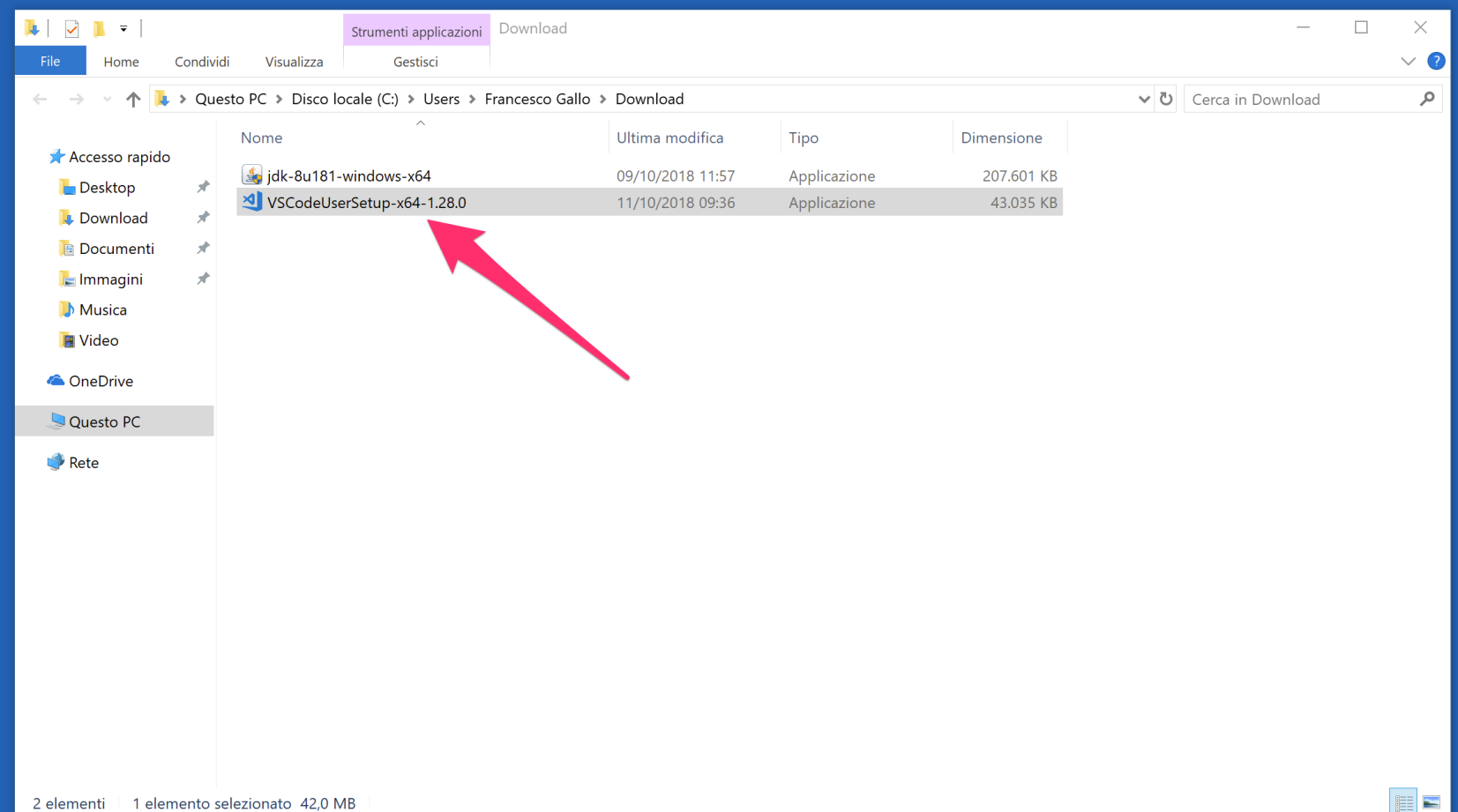
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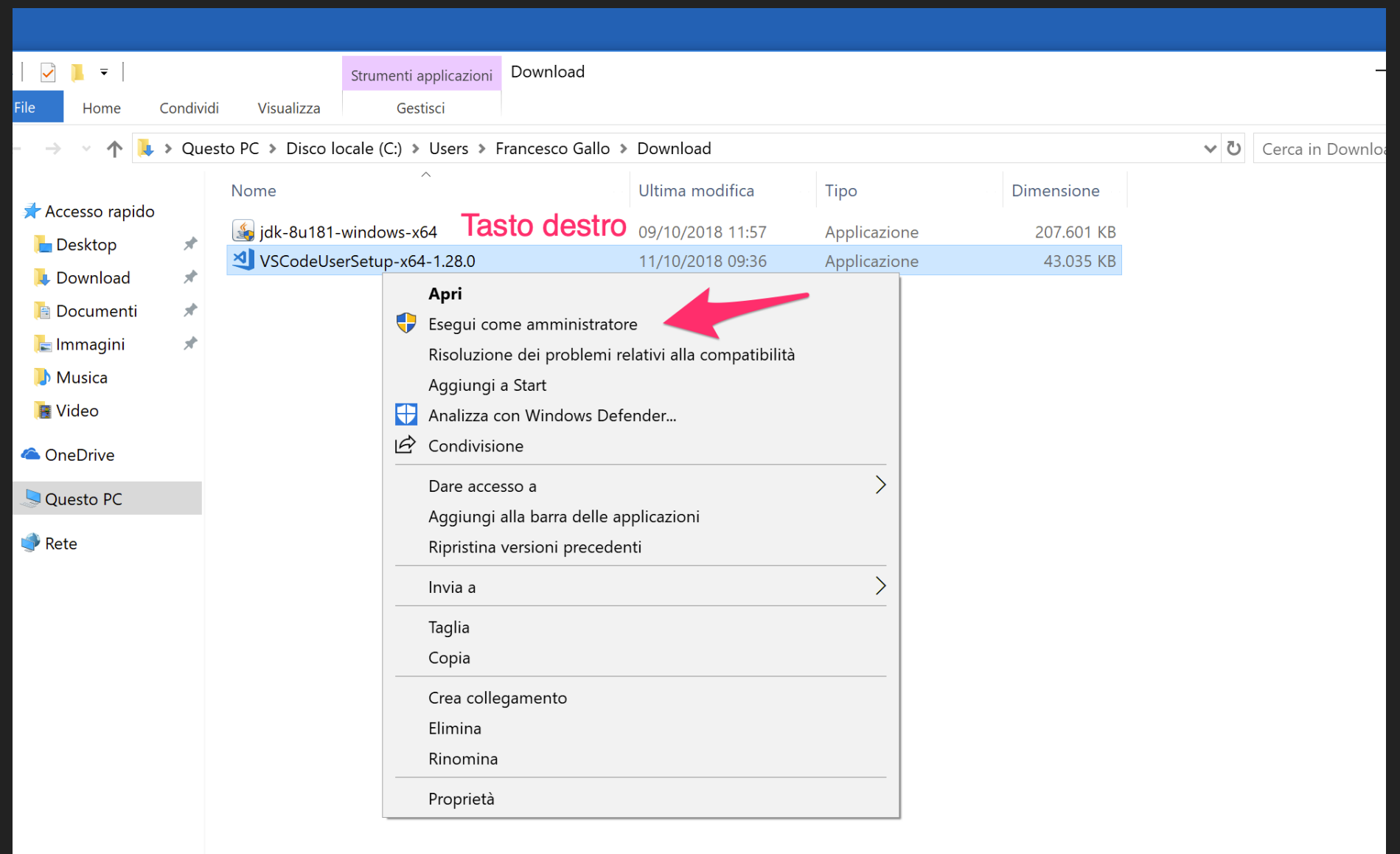
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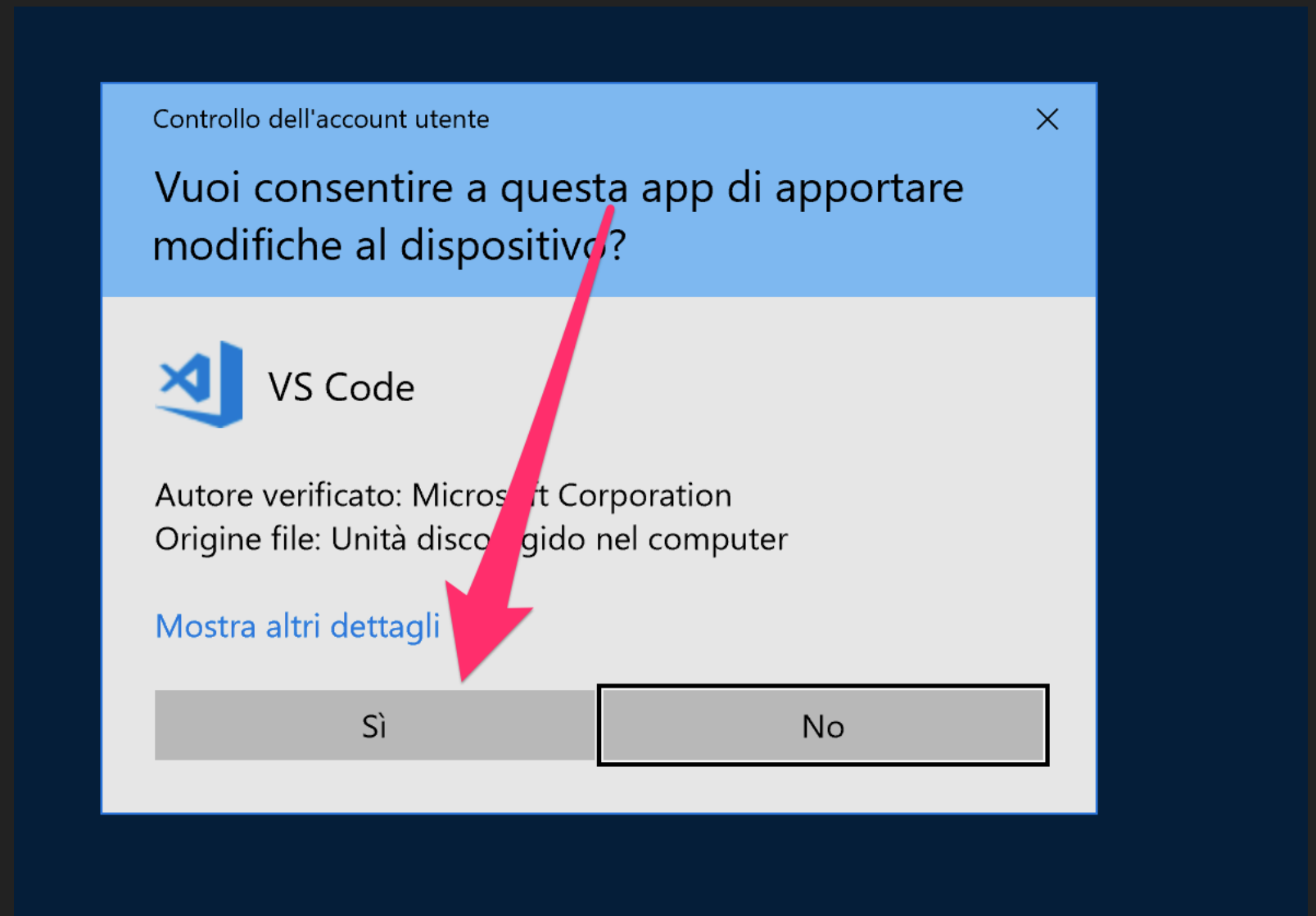
► Mac



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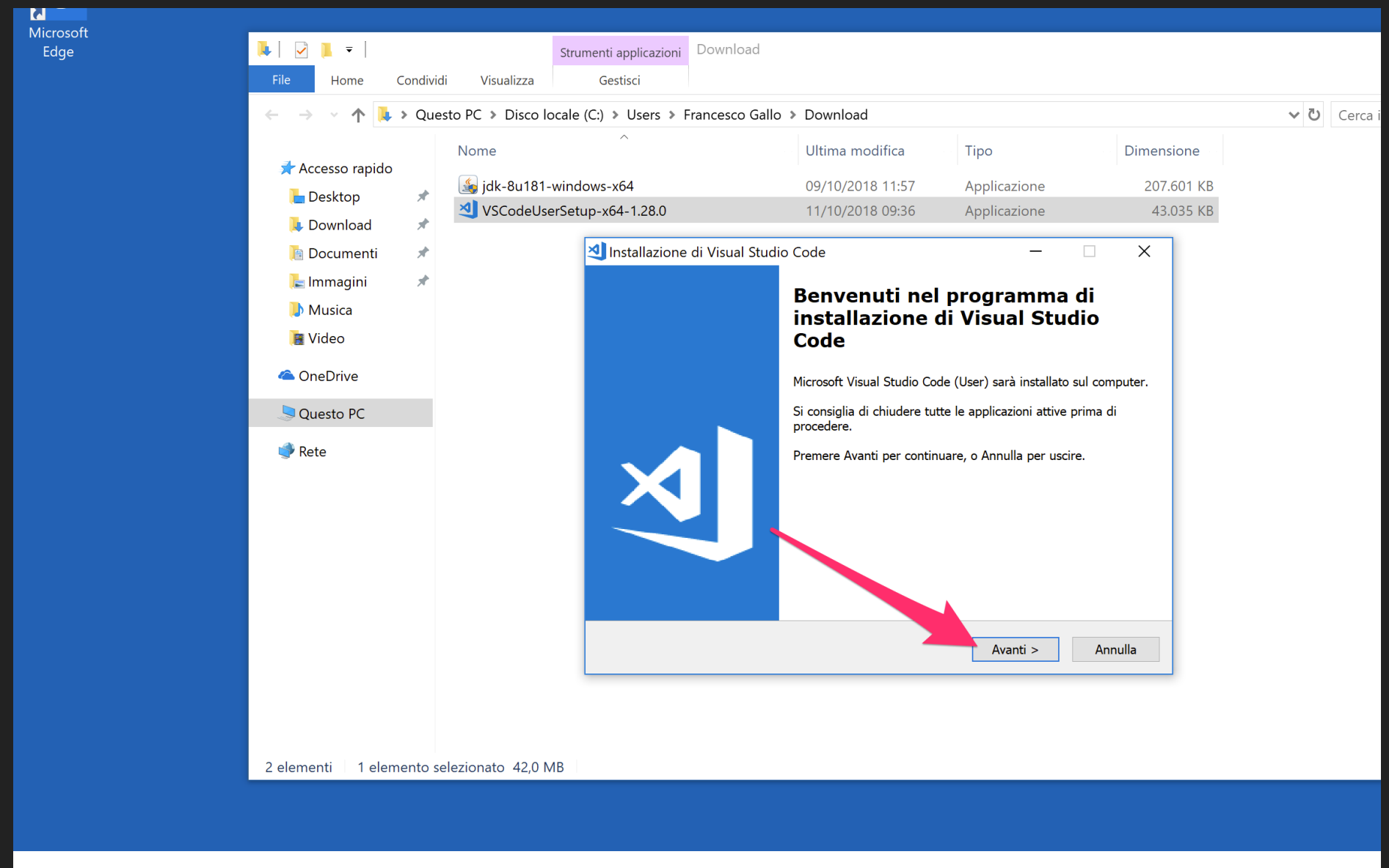
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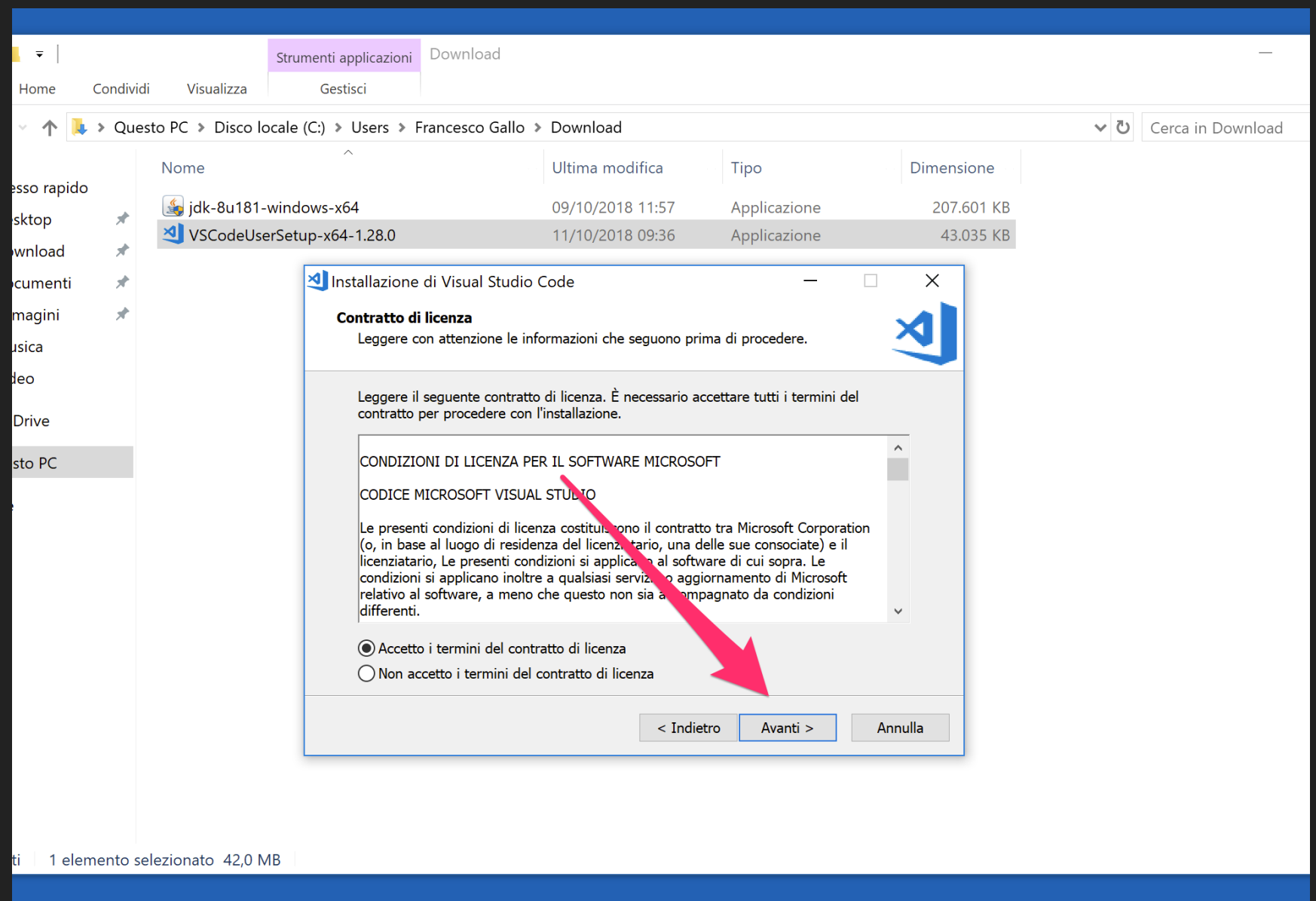
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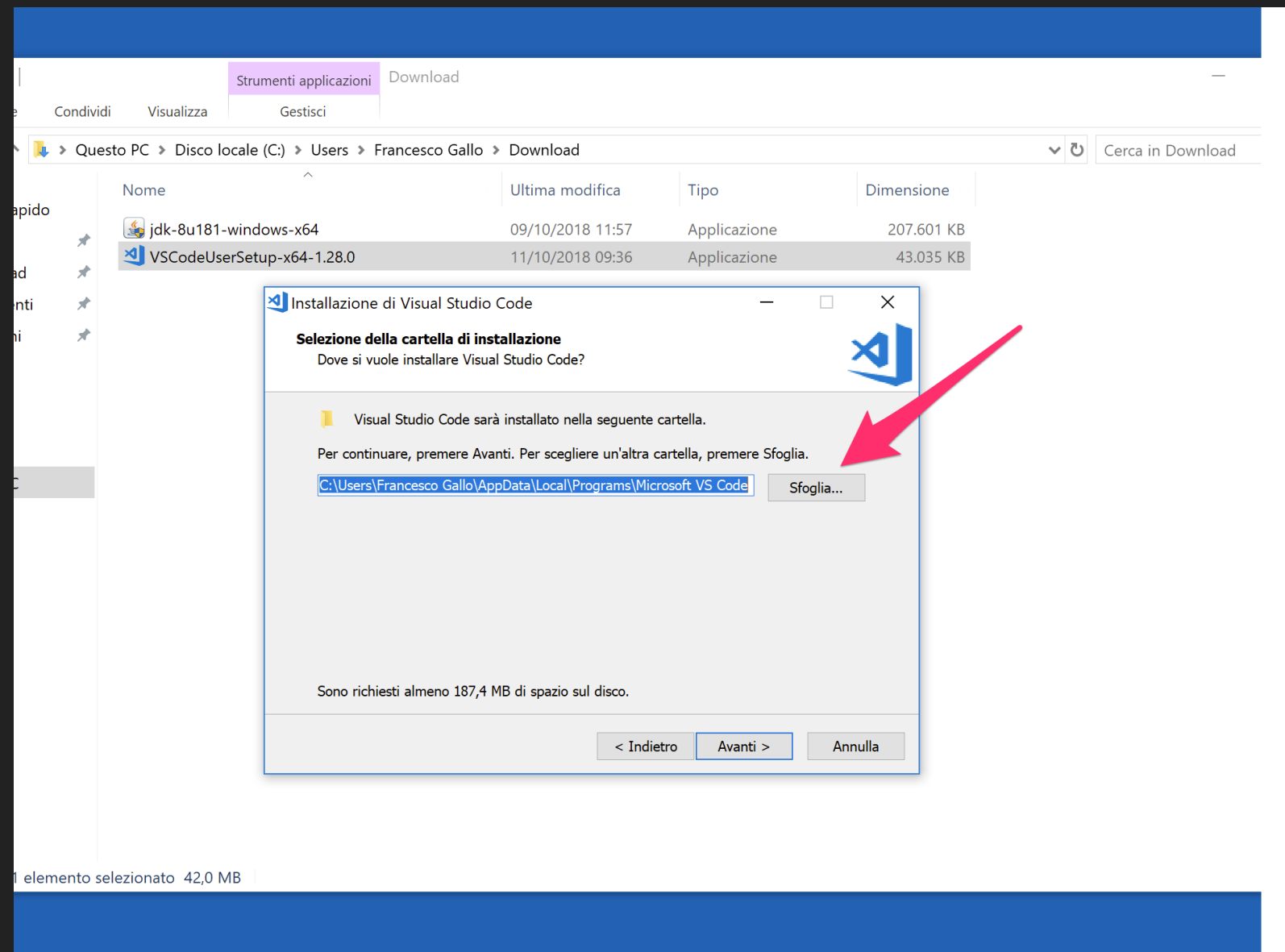
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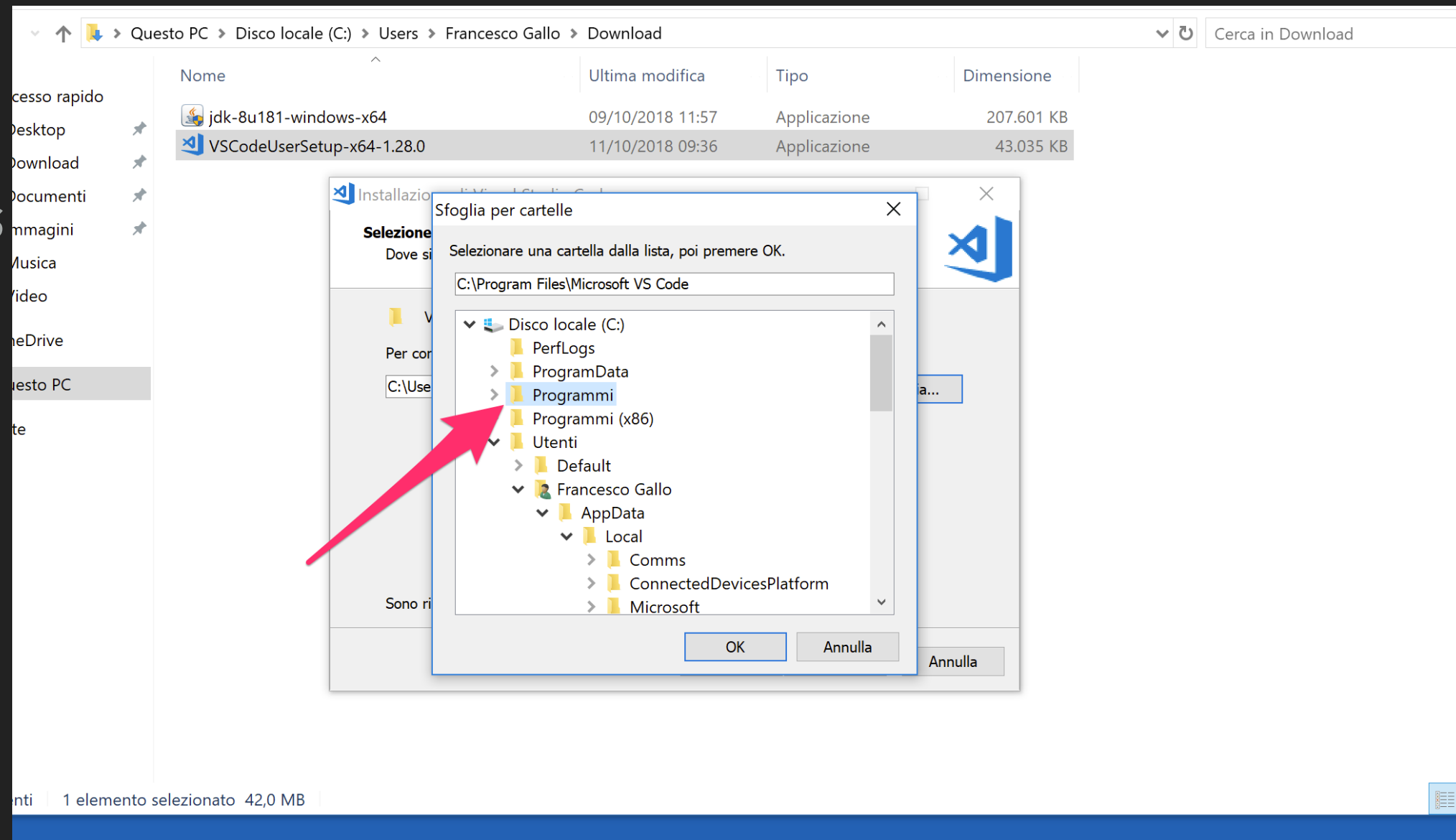
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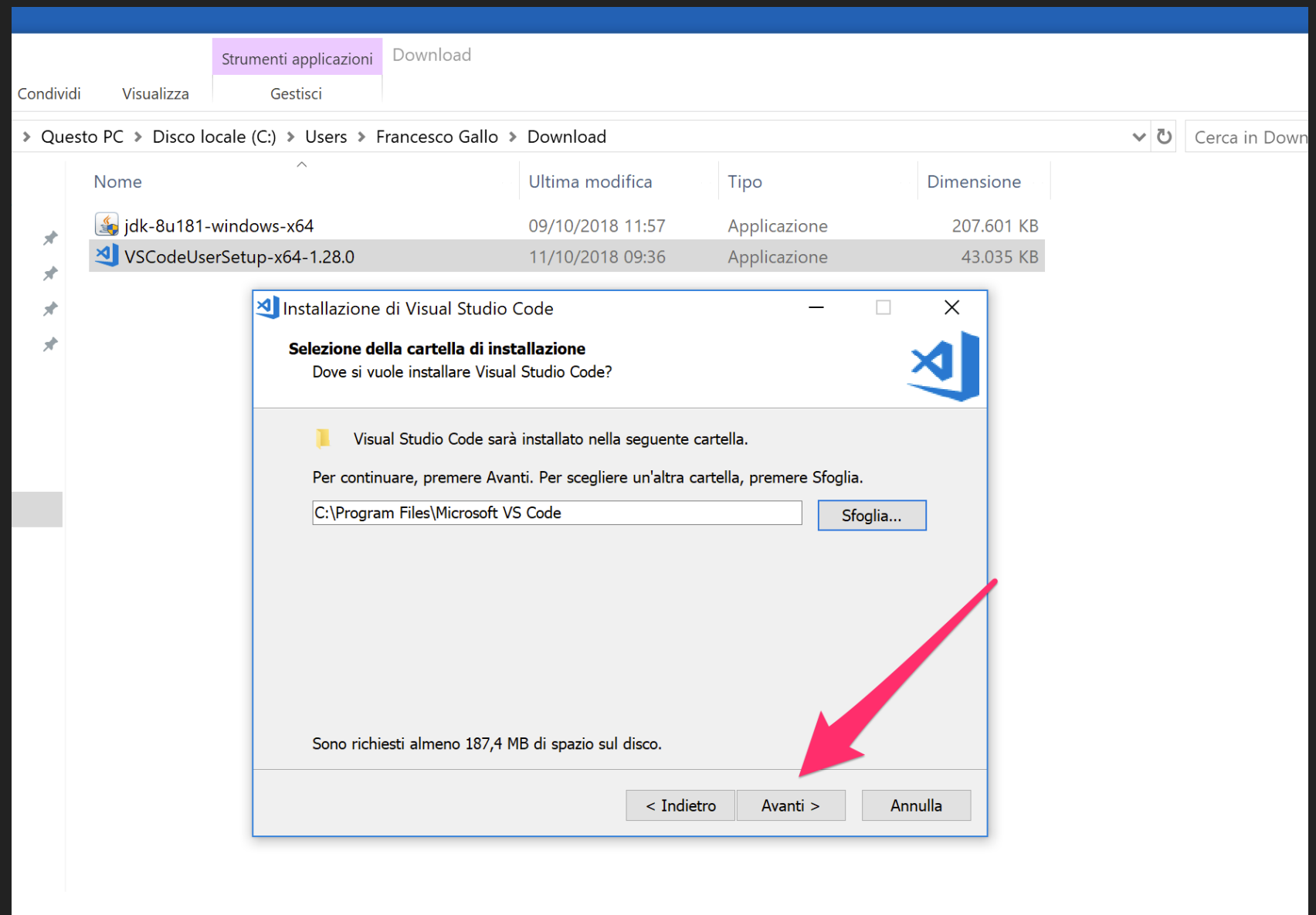
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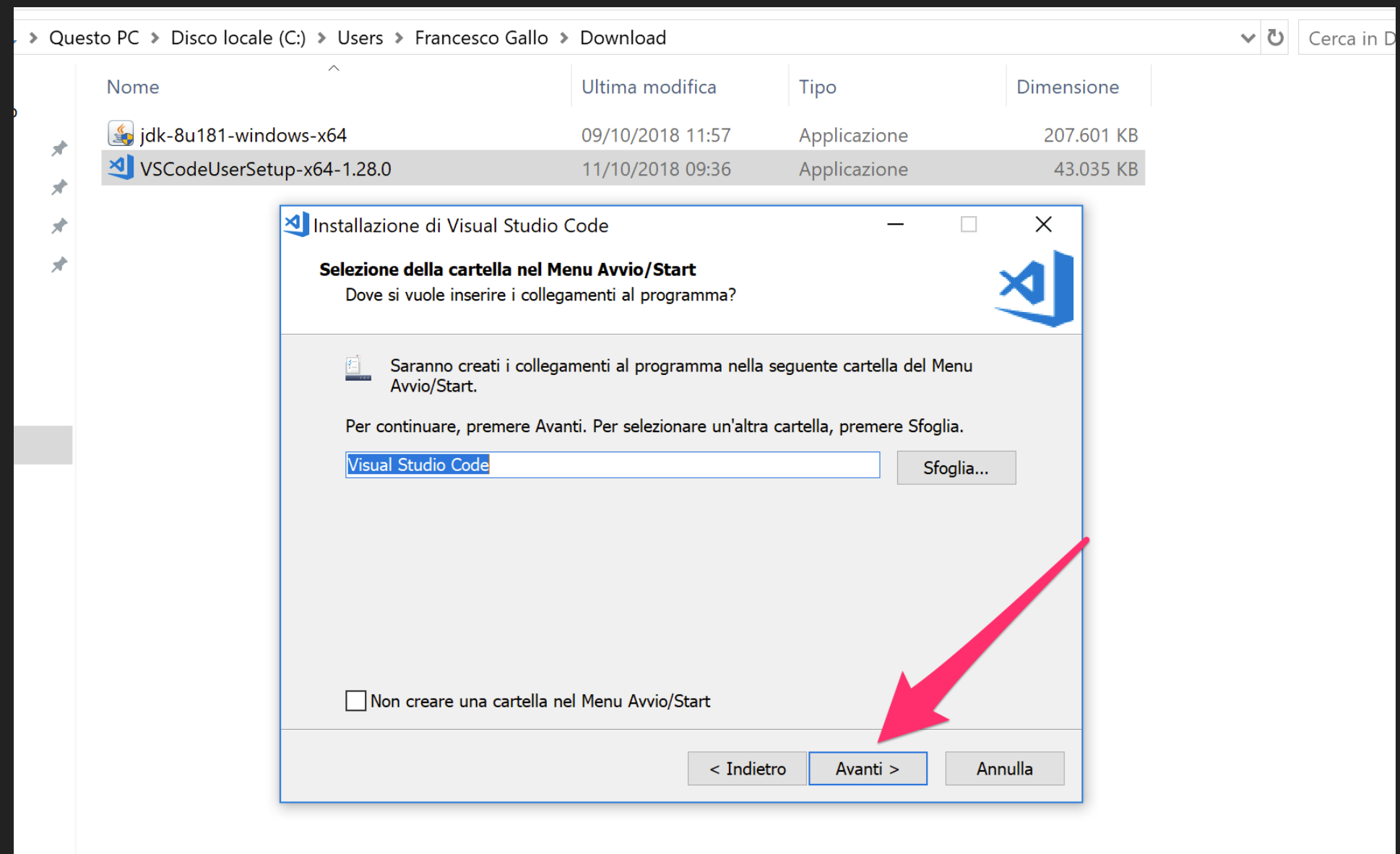
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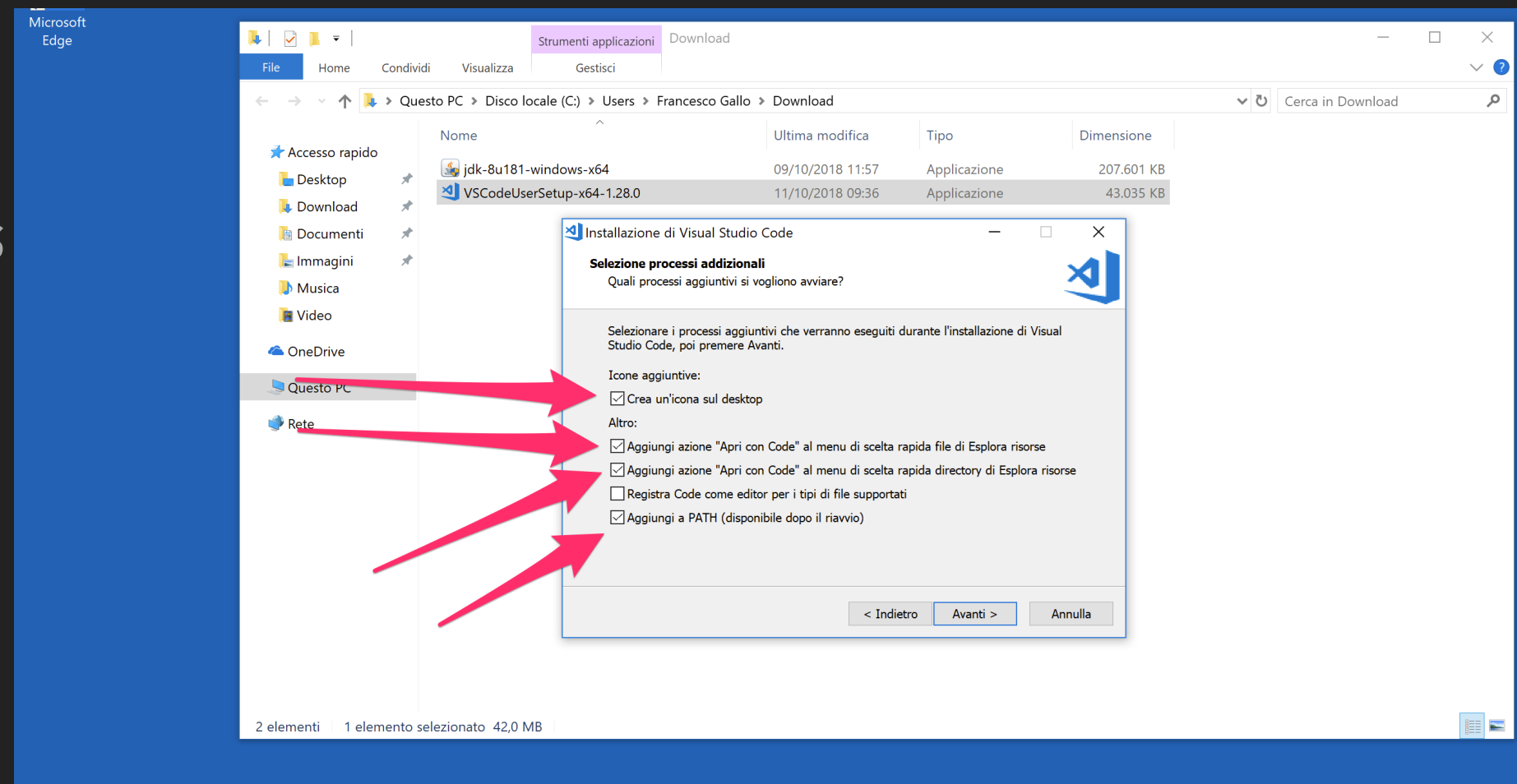
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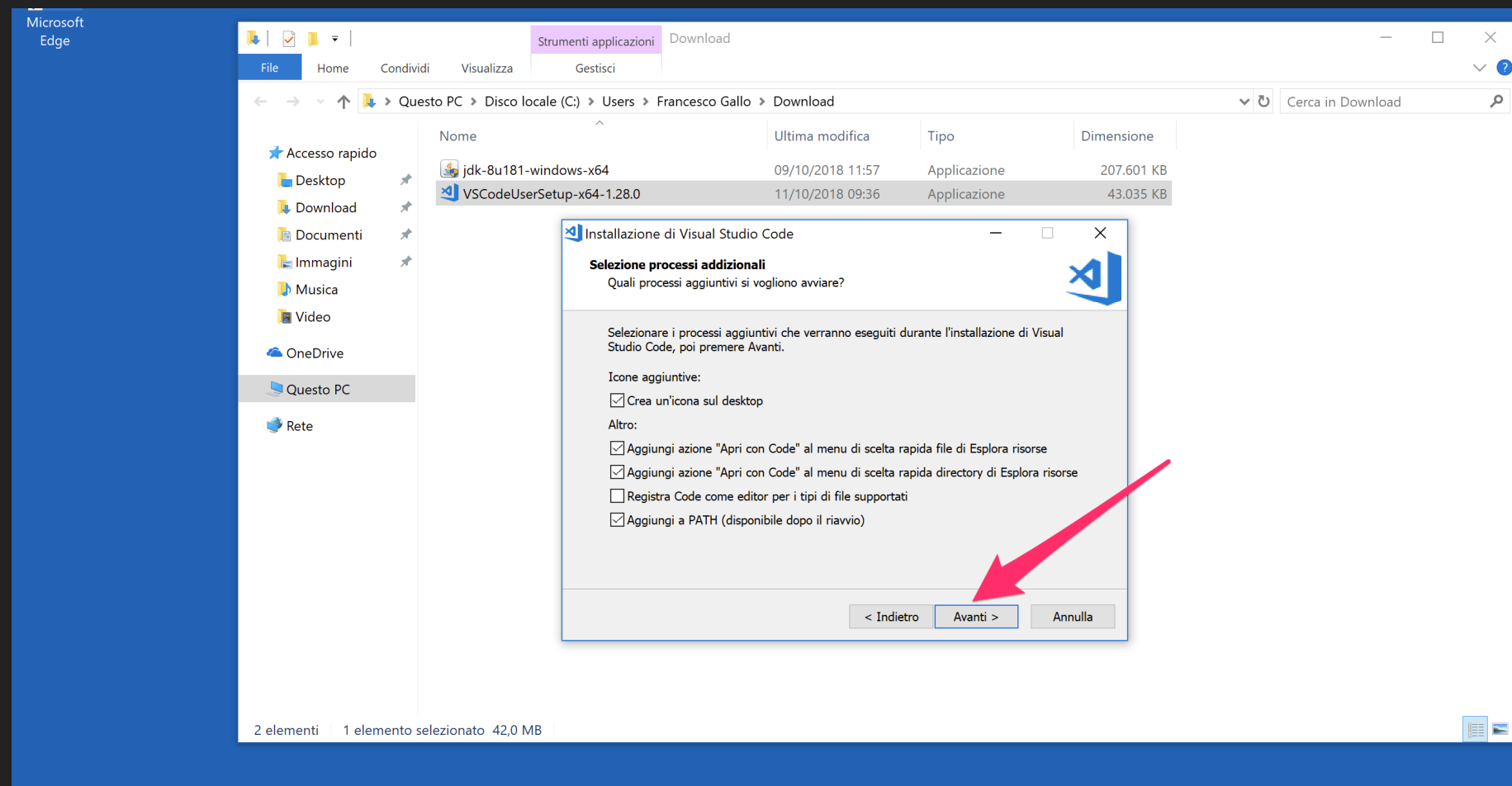
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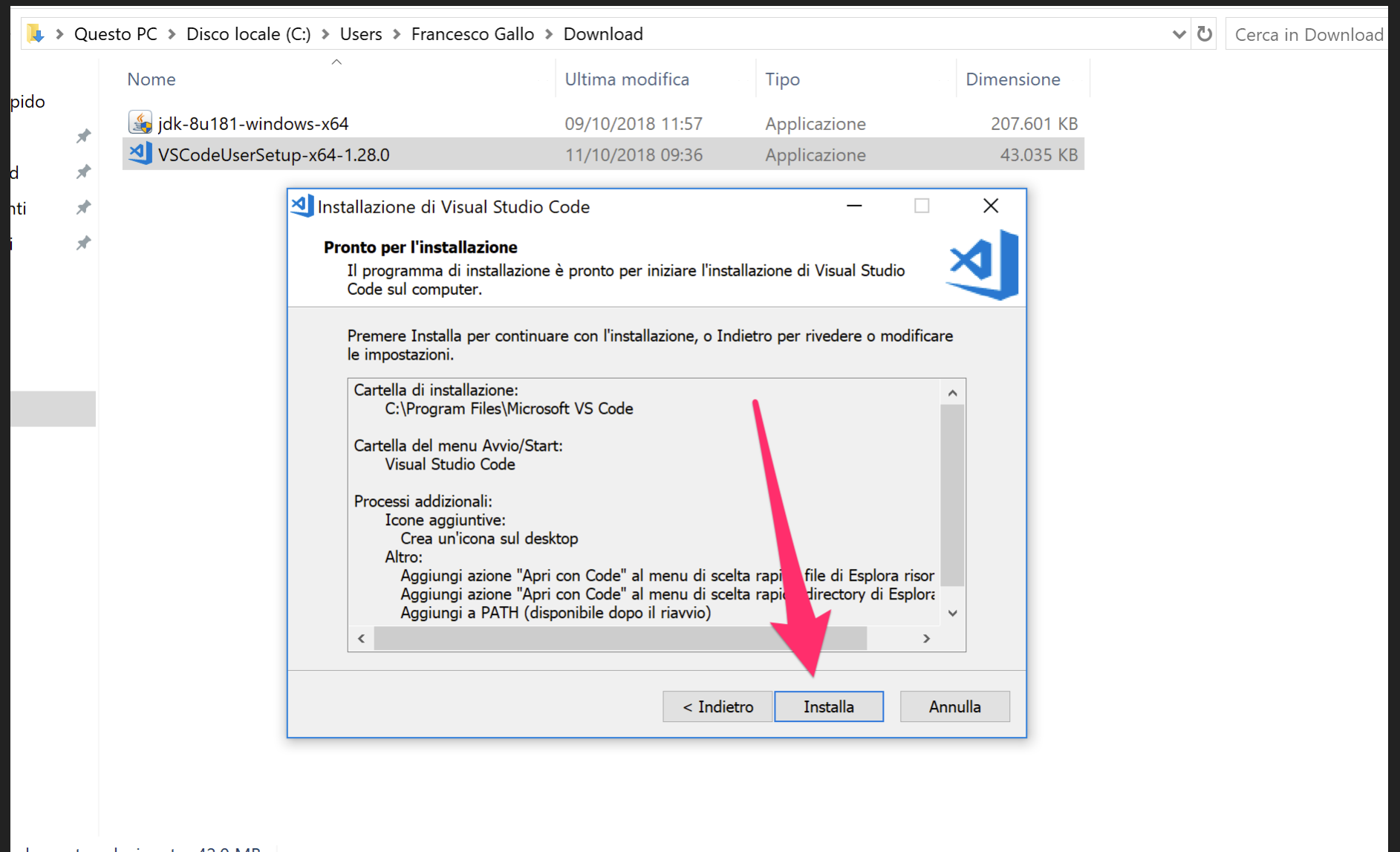
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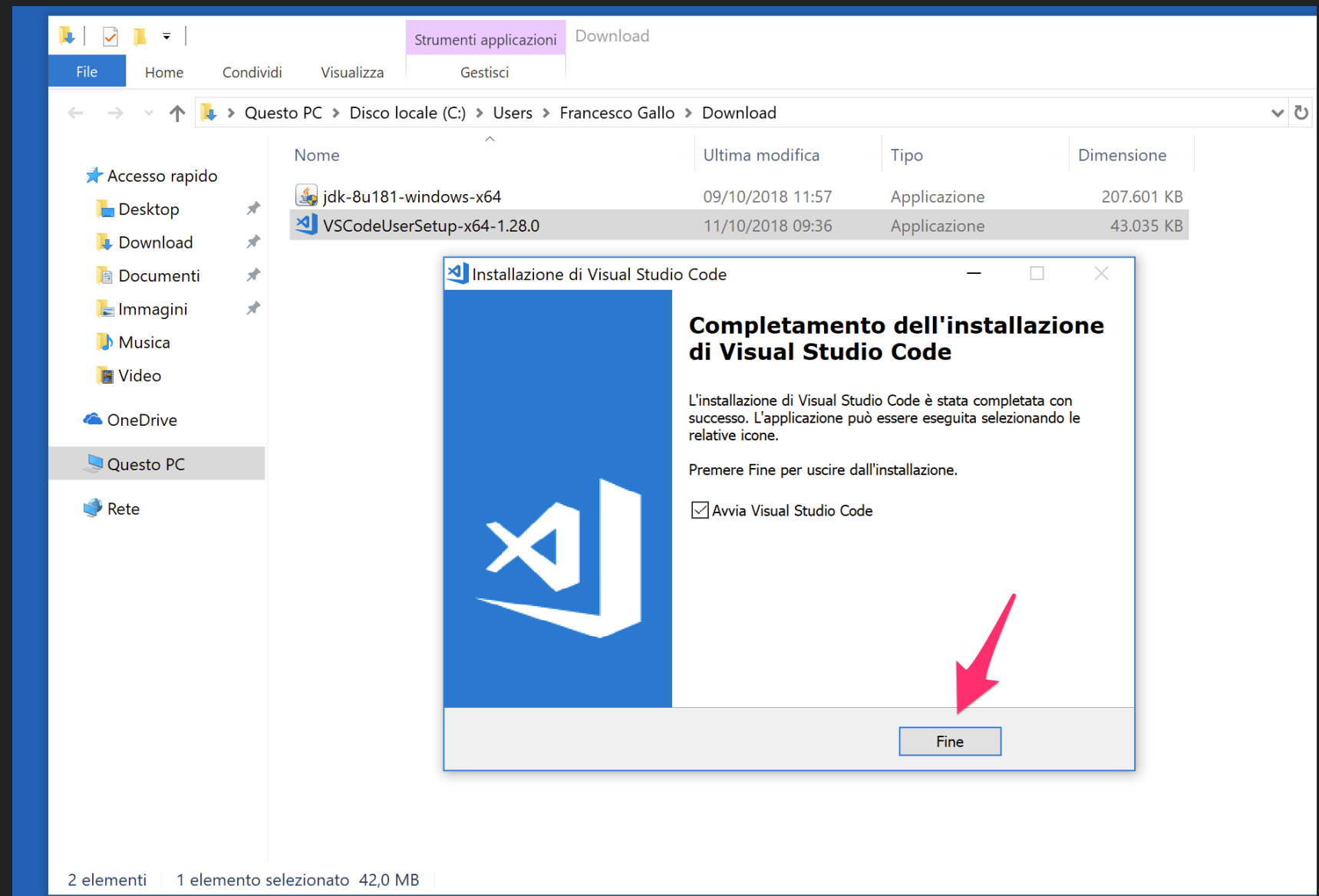
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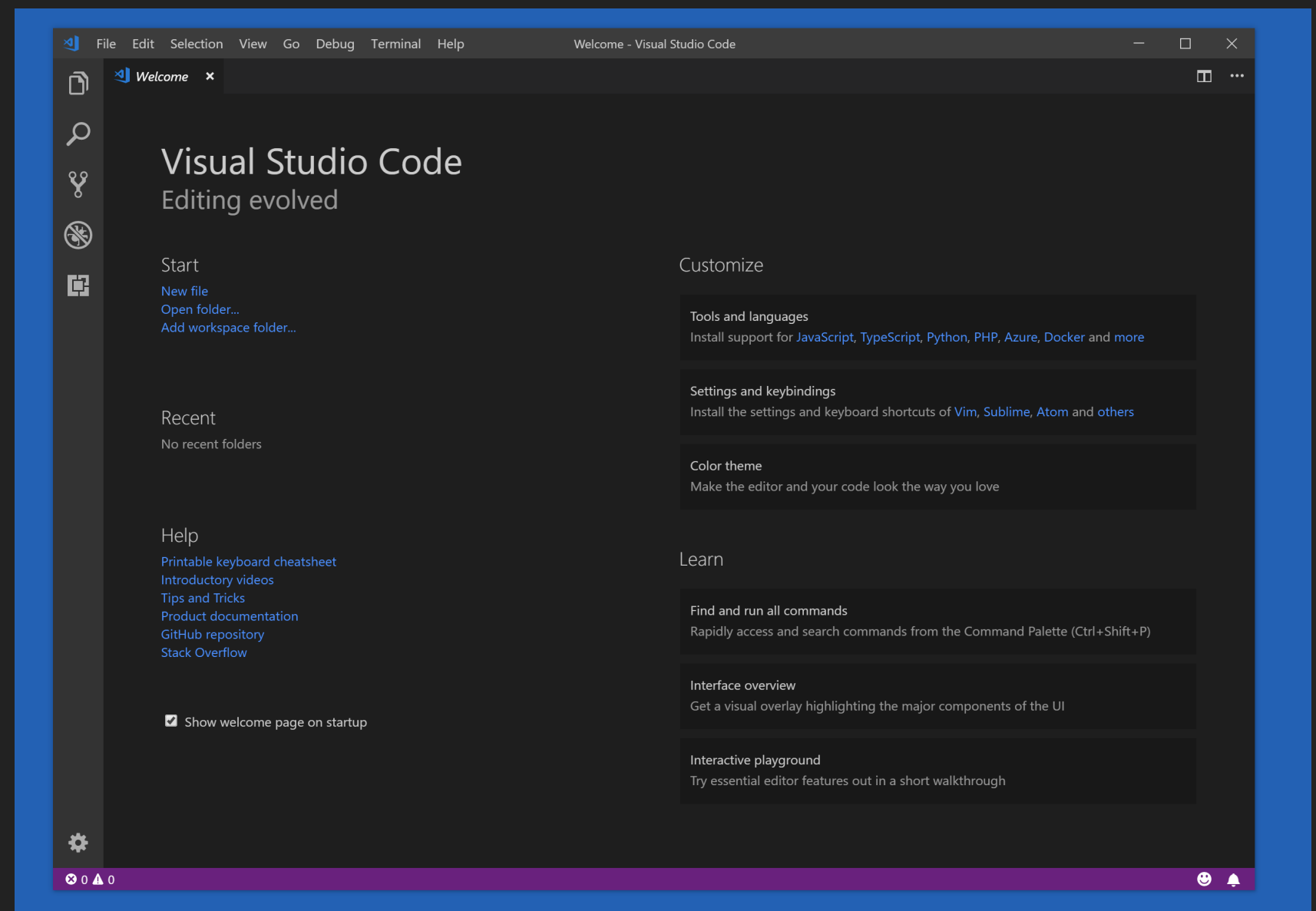


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JAVA - INSTALLAZIONE EDITOR

► Java - Quale editor?

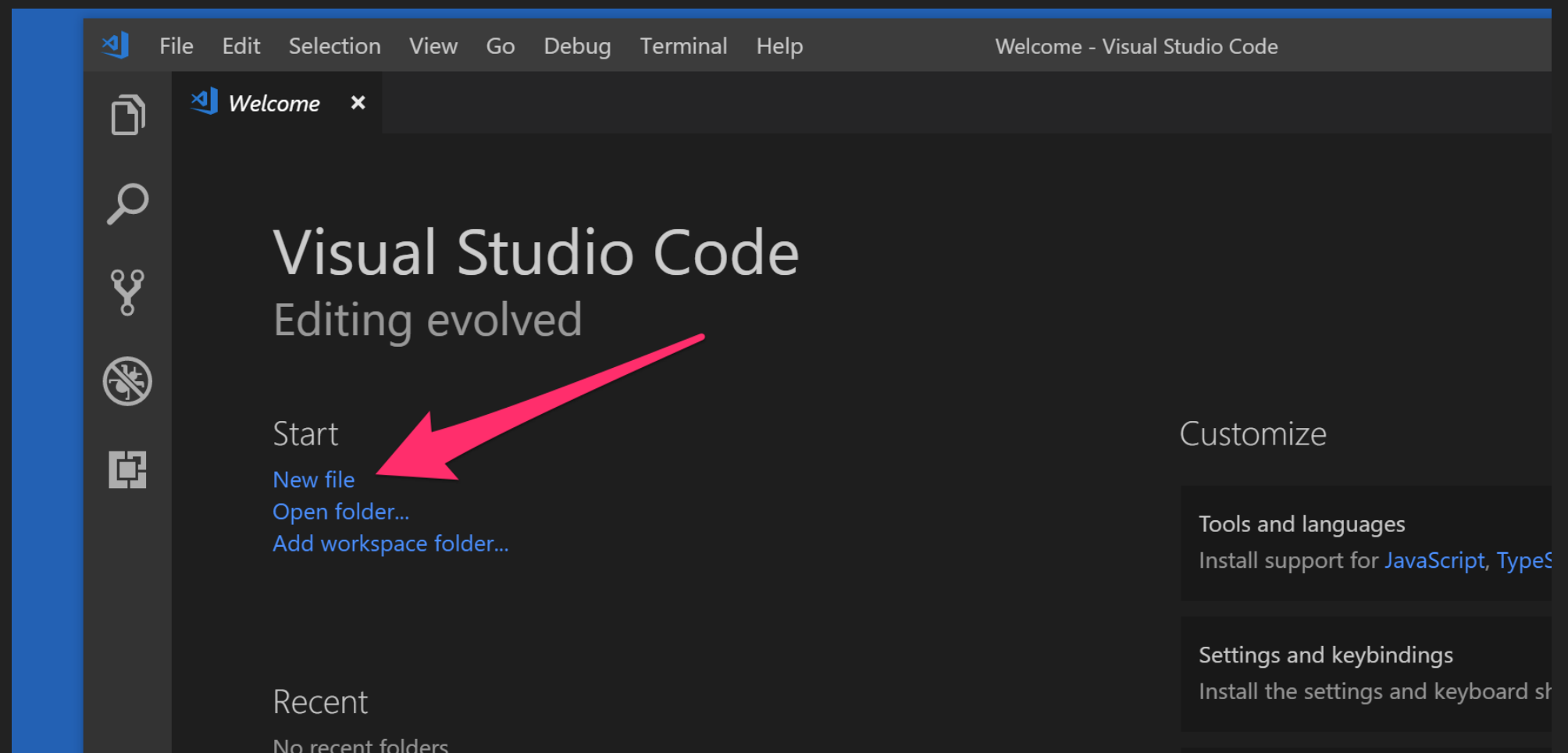
- Linux
- **Windows**
- Mac



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► Java - Quale editor?

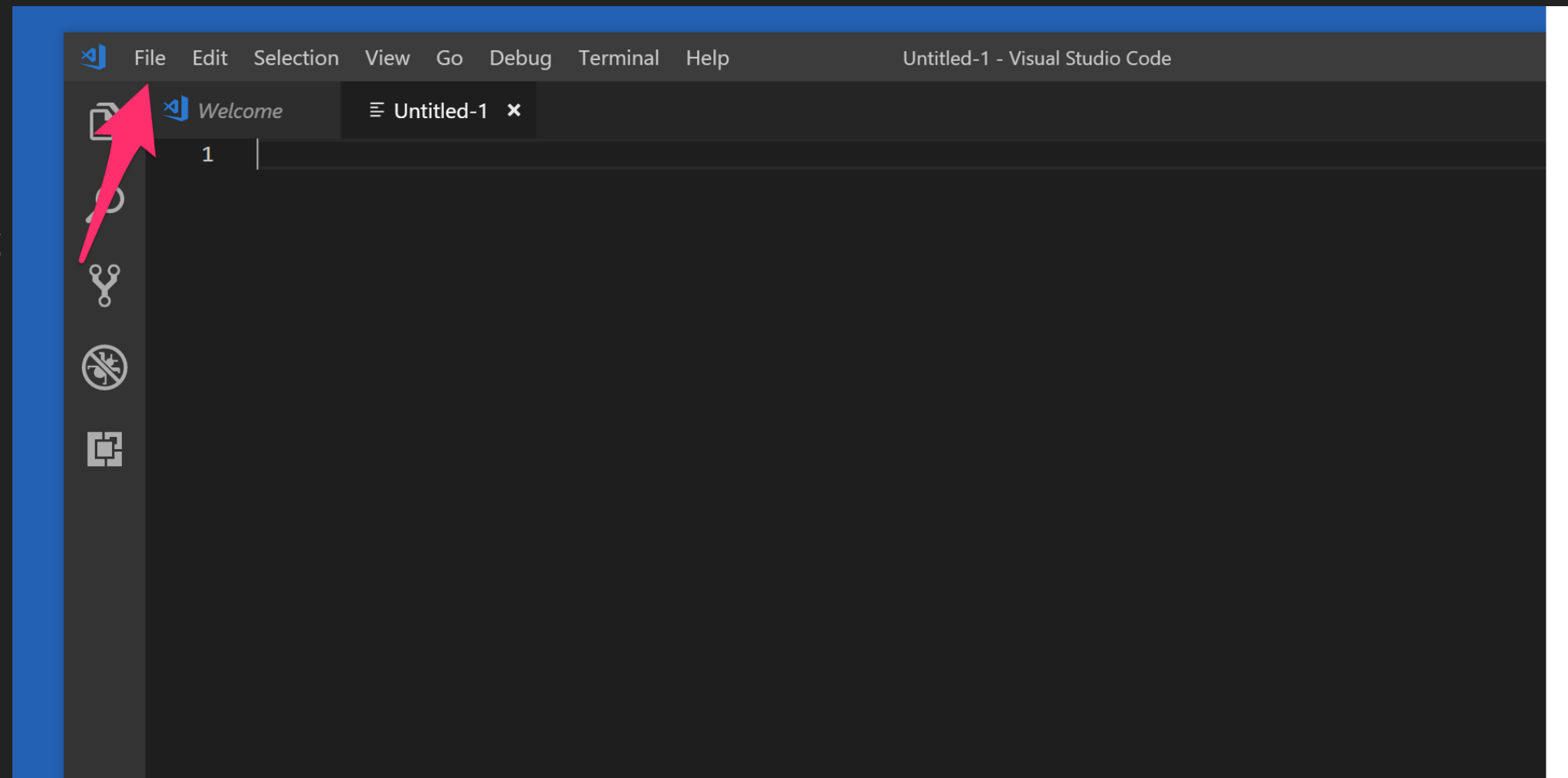
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- **Windows**
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JAVA - INSTALLAZIONE EDITOR

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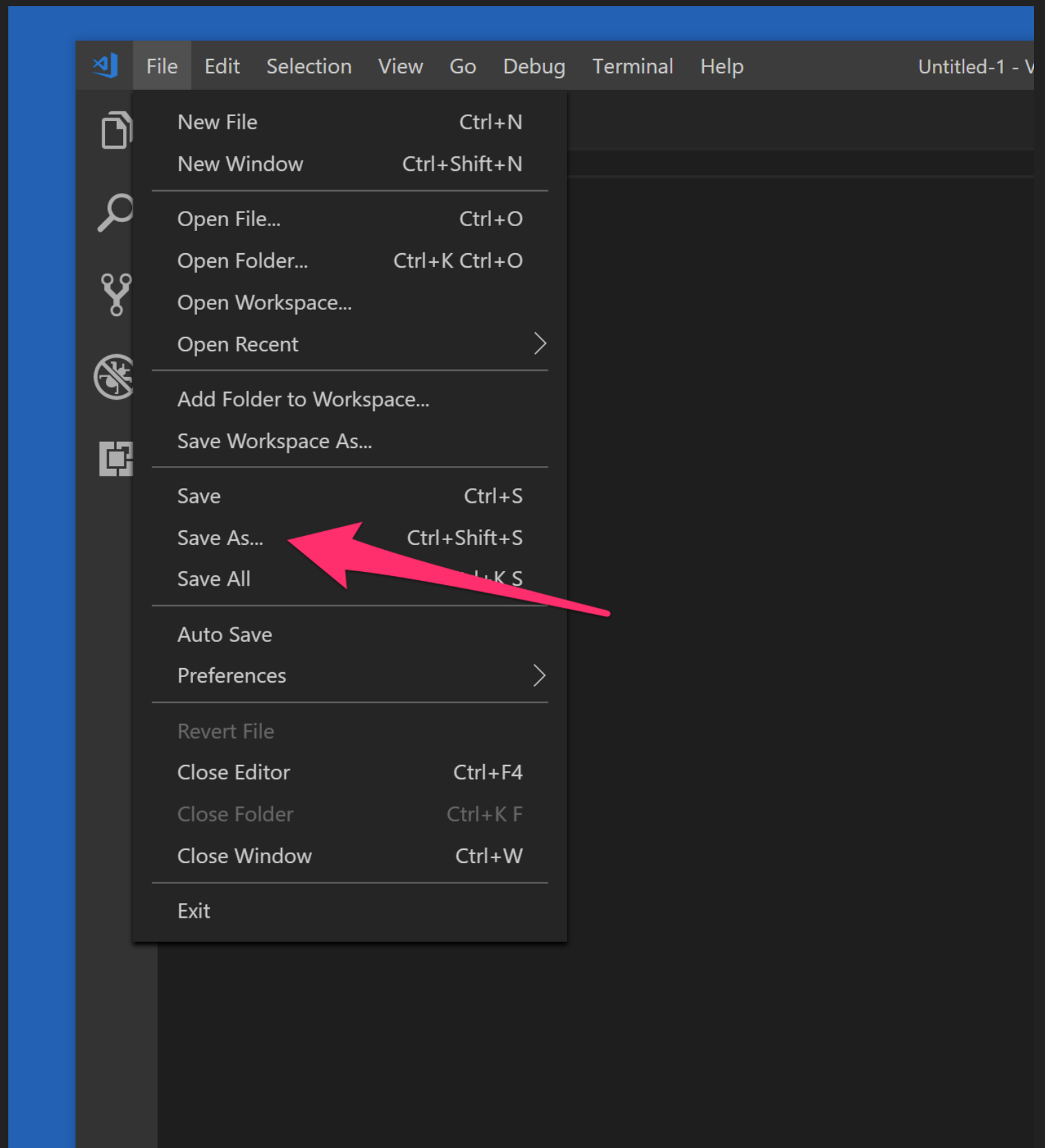
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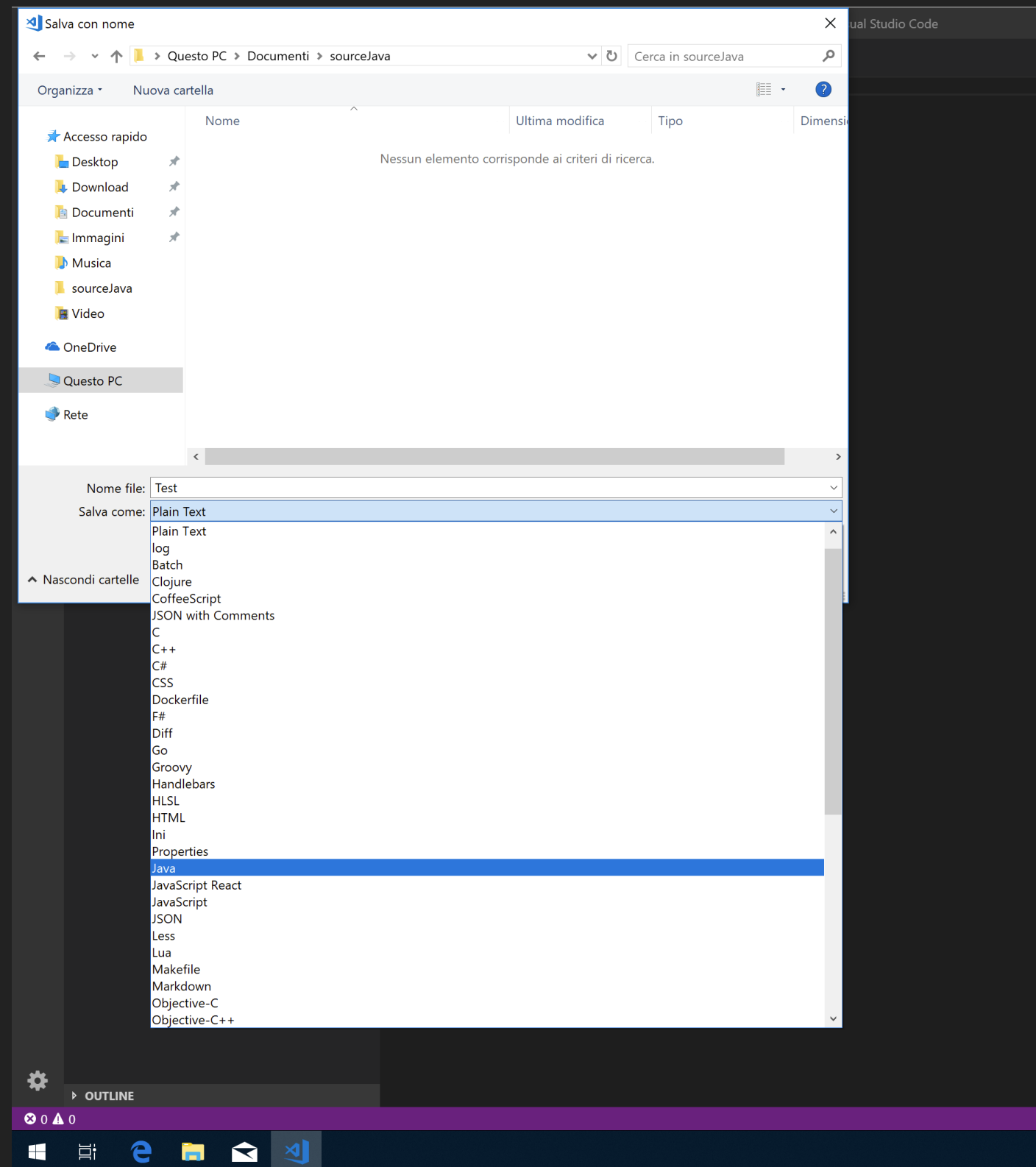
► Mac



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JAVA - INSTALLAZIONE EDITOR

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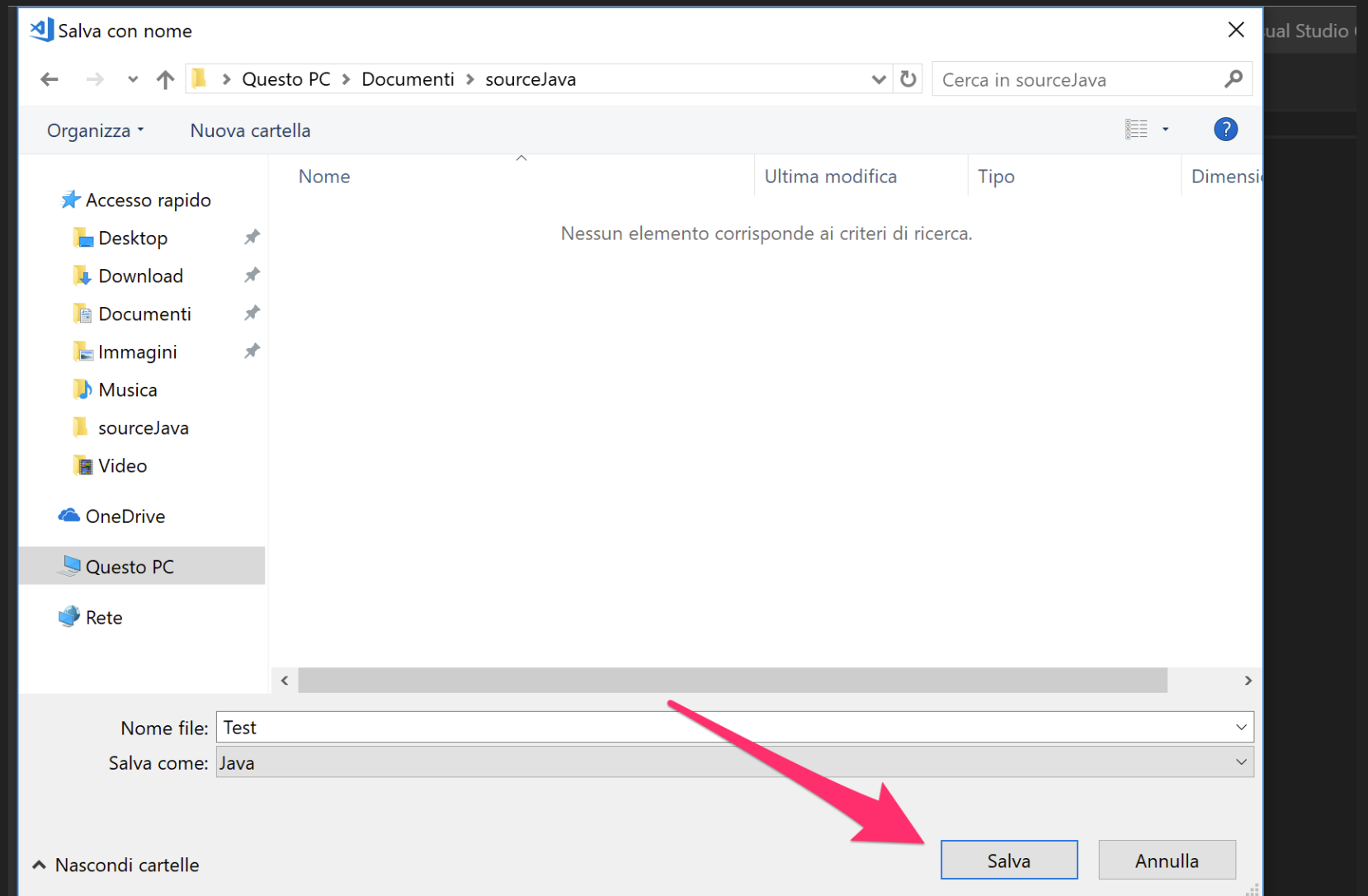
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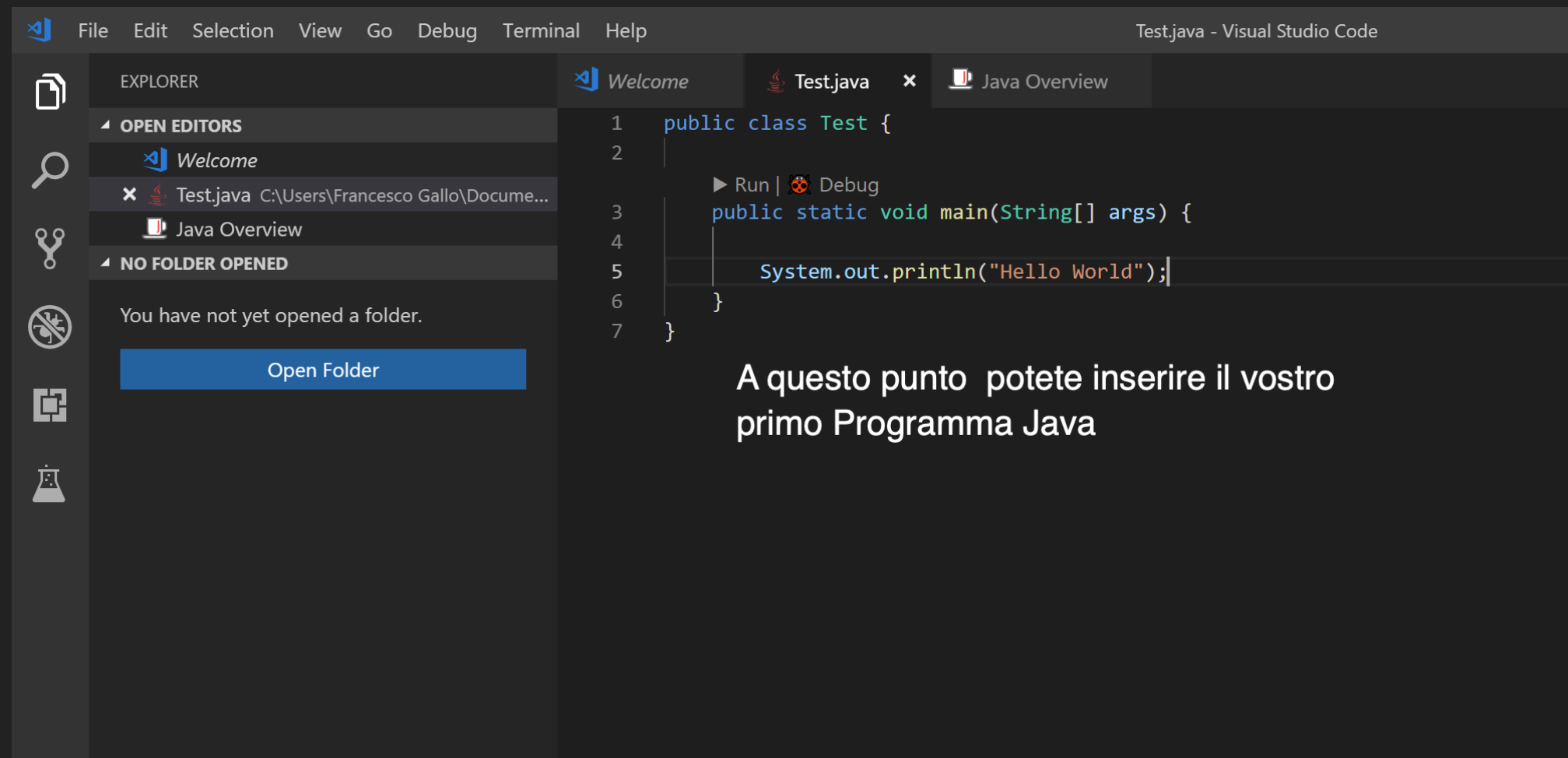
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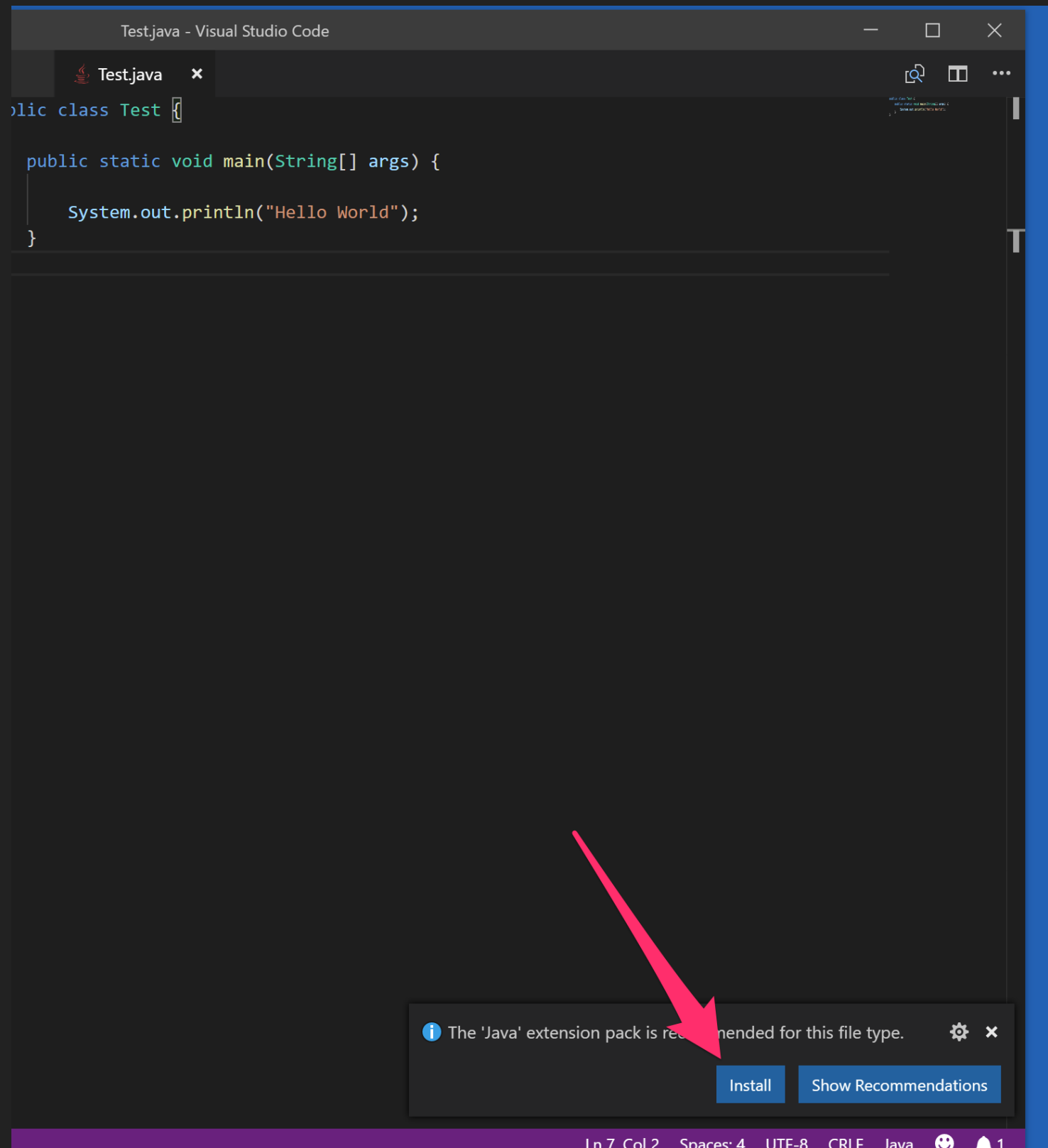


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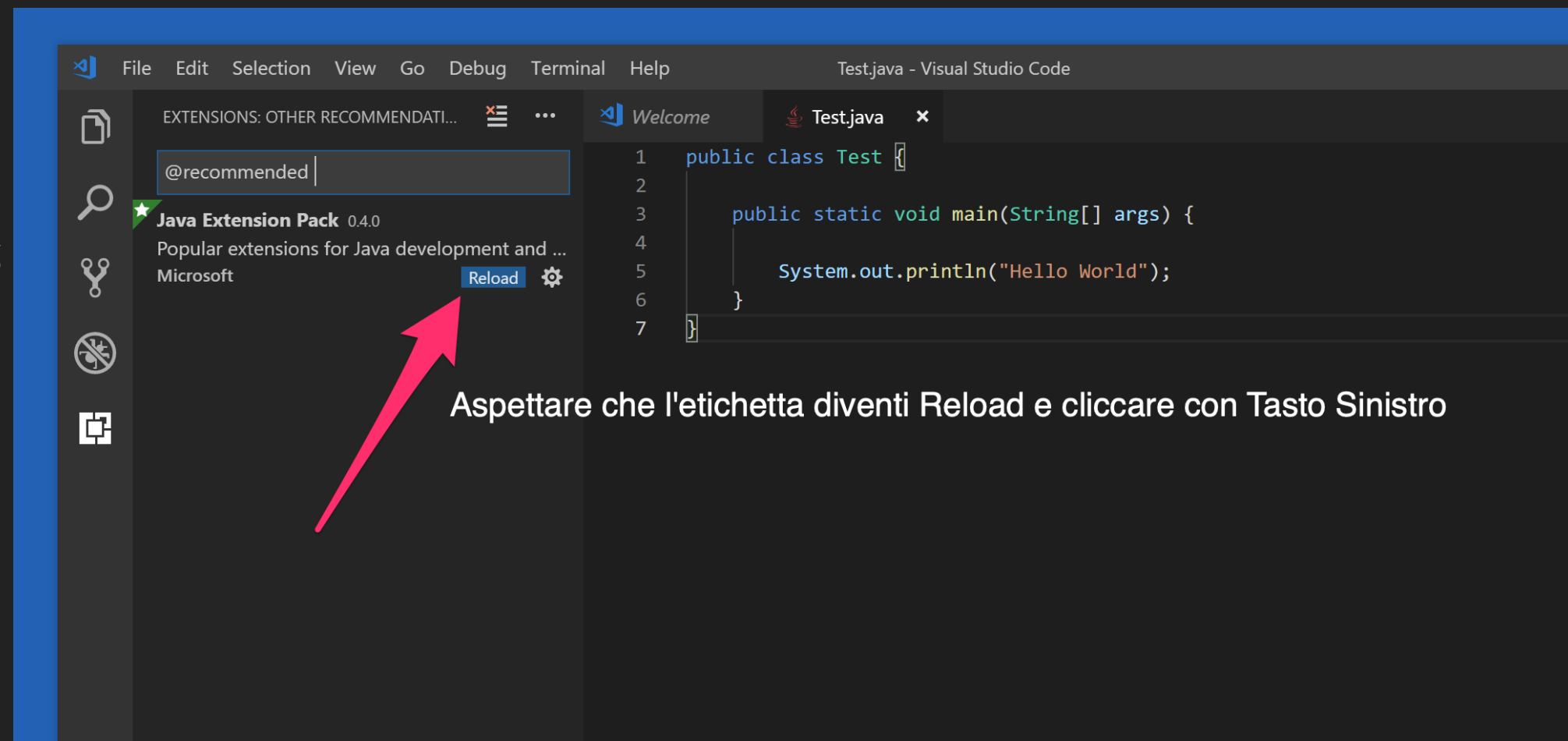
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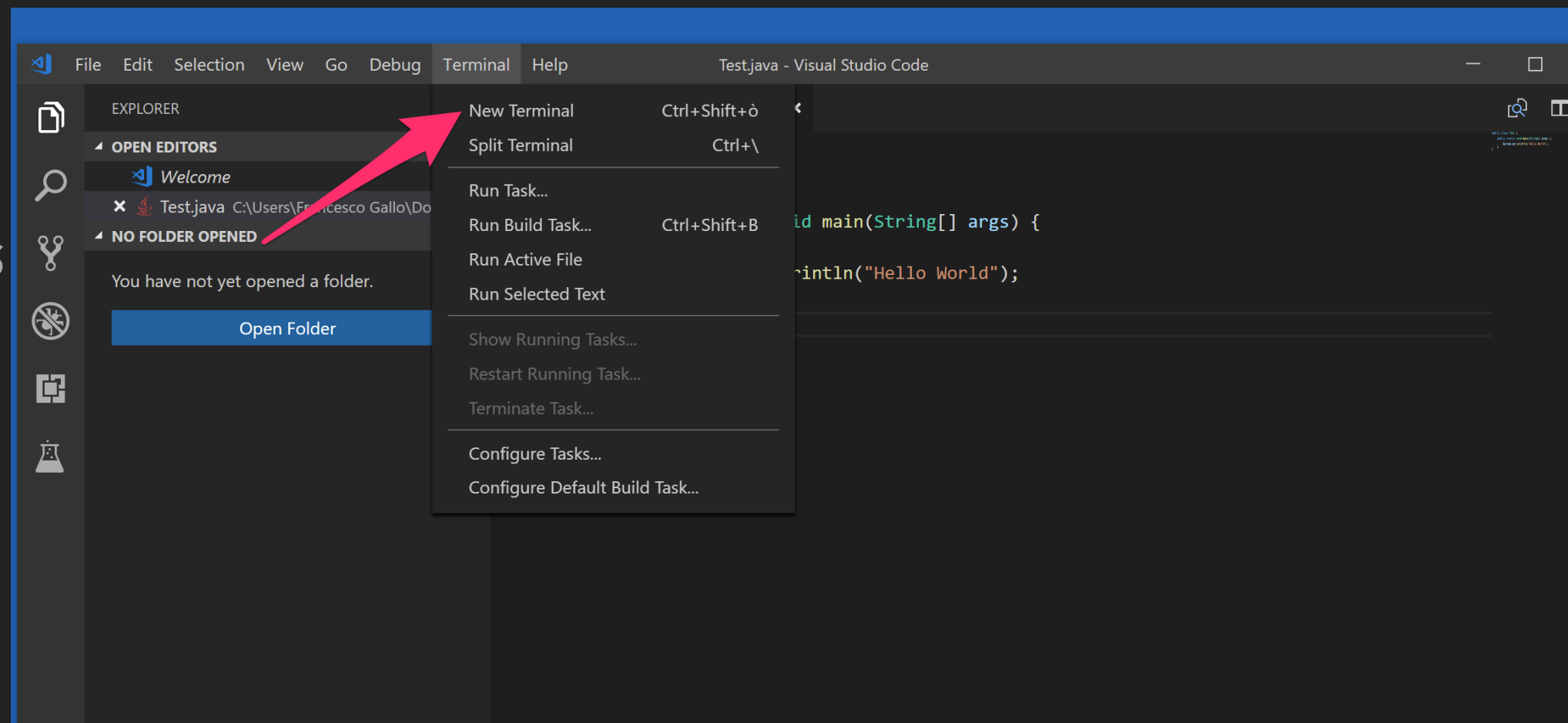
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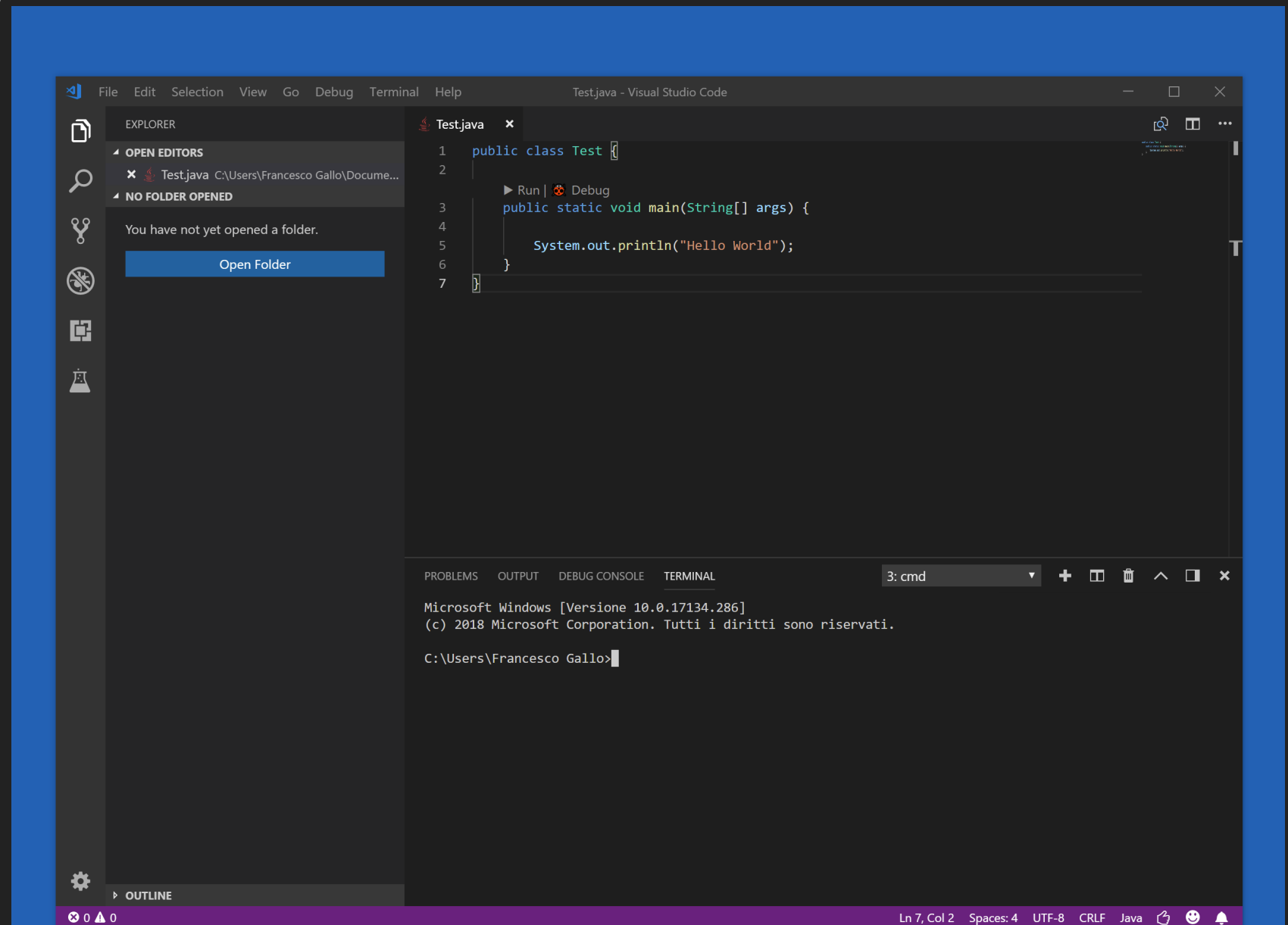
► Mac



JAVA - INSTALLAZIONE EDITOR

► Java - Quale editor?

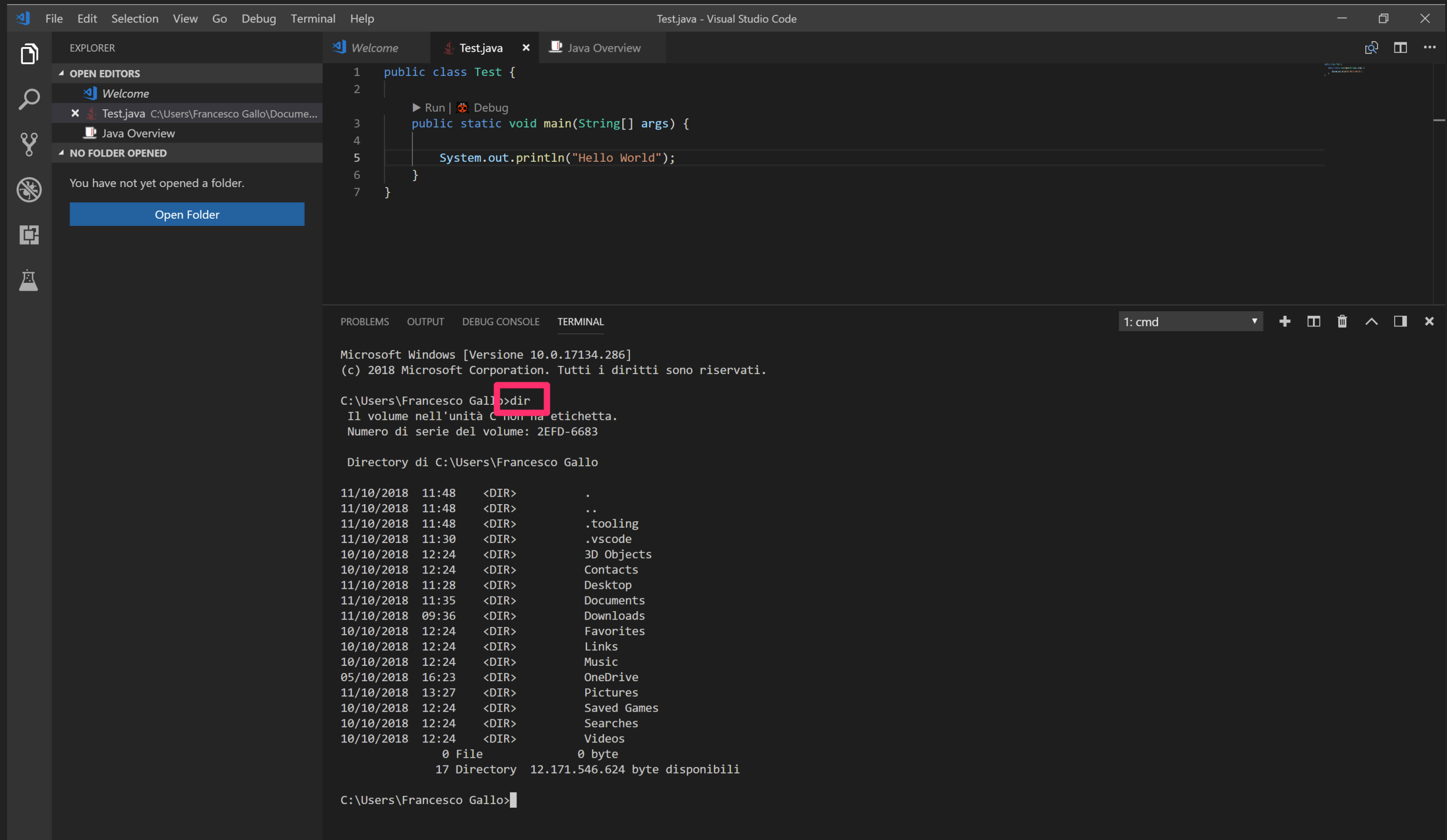
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JAVA - INSTALLAZIONE EDITOR

Compilazione



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JAVA - INSTALLAZIONE EDITOR

Compilazione

The screenshot shows the Visual Studio Code interface with a Java file named `Test.java` open. The file contains the following code:

```
1 public class Test {  
2     ▶ Run | ⚙ Debug  
3     public static void main(String[] args) {  
4  
5         System.out.println("Hello World");  
6     }  
7 }
```

The Explorer sidebar on the left shows the file structure, including `Test.java` and `Java Overview`. The Terminal window at the bottom displays the following commands and output:

```
1: cmd  
  
10/10/2018 12:24 <DIR> Links  
10/10/2018 12:24 <DIR> Music  
05/10/2018 16:23 <DIR> OneDrive  
11/10/2018 13:27 <DIR> Pictures  
10/10/2018 12:24 <DIR> Saved Games  
10/10/2018 12:24 <DIR> Searches  
10/10/2018 12:24 <DIR> Videos  
0 File 0 byte  
17 Directory 12.171.546.624 byte disponibili  
  
C:\Users\Francesco Gallo>cd Documents  
  
C:\Users\Francesco Gallo\Documents>dir  
Il volume nell'unità C non ha etichetta.  
Numero di serie del volume: 2EFD-6683  
  
Directory di C:\Users\Francesco Gallo\Documents  
  
11/10/2018 11:35 <DIR> .  
11/10/2018 11:35 <DIR> ..  
11/10/2018 14:58 <DIR> sourceJava  
0 File 0 byte  
3 Directory 12.171.415.552 byte disponibili  
  
C:\Users\Francesco Gallo\Documents>cd sourceJava  
  
C:\Users\Francesco Gallo\Documents\sourceJava>dir  
Il volume nell'unità C non ha etichetta.  
Numero di serie del volume: 2EFD-6683  
  
Directory di C:\Users\Francesco Gallo\Documents\sourceJava  
  
11/10/2018 14:58 <DIR> .  
11/10/2018 14:58 <DIR> ..  
11/10/2018 15:00 124 Test.java  
1 File 124 byte  
2 Directory 12.171.415.552 byte disponibili  
  
C:\Users\Francesco Gallo\Documents\sourceJava>
```

The terminal output shows the directory structure of the user's Documents folder, specifically the `sourceJava` subdirectory, which contains the `Test.java` file. The file size is 124 bytes.

JAVA - INSTALLAZIONE EDITOR

Compilazione

The screenshot shows the Visual Studio Code interface with a Java file named `Test.java` open. The code in the editor is as follows:

```
1 public class Test {  
2  
3     ▶ Run | ⚙️ Debug  
4     public static void main(String[] args) {  
5         System.out.println("Hello World");  
6     }  
7 }
```

The Explorer sidebar on the left shows the file structure with `Test.java` selected. The bottom panel displays the TERMINAL output, which shows the directory navigation and the execution of the Java program. The commands `javac Test.java` and `java Test` are highlighted with red boxes.

Terminal Output:

```
10/10/2018 12:24 <DIR> Searches  
10/10/2018 12:24 <DIR> Videos  
0 File 0 byte  
17 Directory 12.171.546.624 byte disponibili  
  
C:\Users\Francesco Gallo>cd Documents  
  
C:\Users\Francesco Gallo\Documents>dir  
Il volume nell'unità C non ha etichetta.  
Numero di serie del volume: 2EFD-6683  
  
Directory di C:\Users\Francesco Gallo\Documents  
  
11/10/2018 11:35 <DIR> .  
11/10/2018 11:35 <DIR> ..  
11/10/2018 14:58 <DIR> sourceJava  
0 File 0 byte  
3 Directory 12.171.415.552 byte disponibili  
  
C:\Users\Francesco Gallo\Documents>cd sourceJava  
  
C:\Users\Francesco Gallo\Documents\sourceJava>dir  
Il volume nell'unità C non ha etichetta.  
Numero di serie del volume: 2EFD-6683  
  
Directory di C:\Users\Francesco Gallo\Documents\sourceJava  
  
11/10/2018 14:58 <DIR> .  
11/10/2018 14:58 <DIR> ..  
11/10/2018 15:00 124 Test.java  
1 File 124 byte  
2 Directory 12.171.415.552 byte disponibili  
  
C:\Users\Francesco Gallo\Documents\sourceJava>javac Test.java  
  
C:\Users\Francesco Gallo\Documents\sourceJava>java Test  
Hello World  
  
C:\Users\Francesco Gallo\Documents\sourceJava>
```

At the bottom of the window, the status bar shows the current position (Ln 5, Col 43), encoding (UTF-8), and other settings.