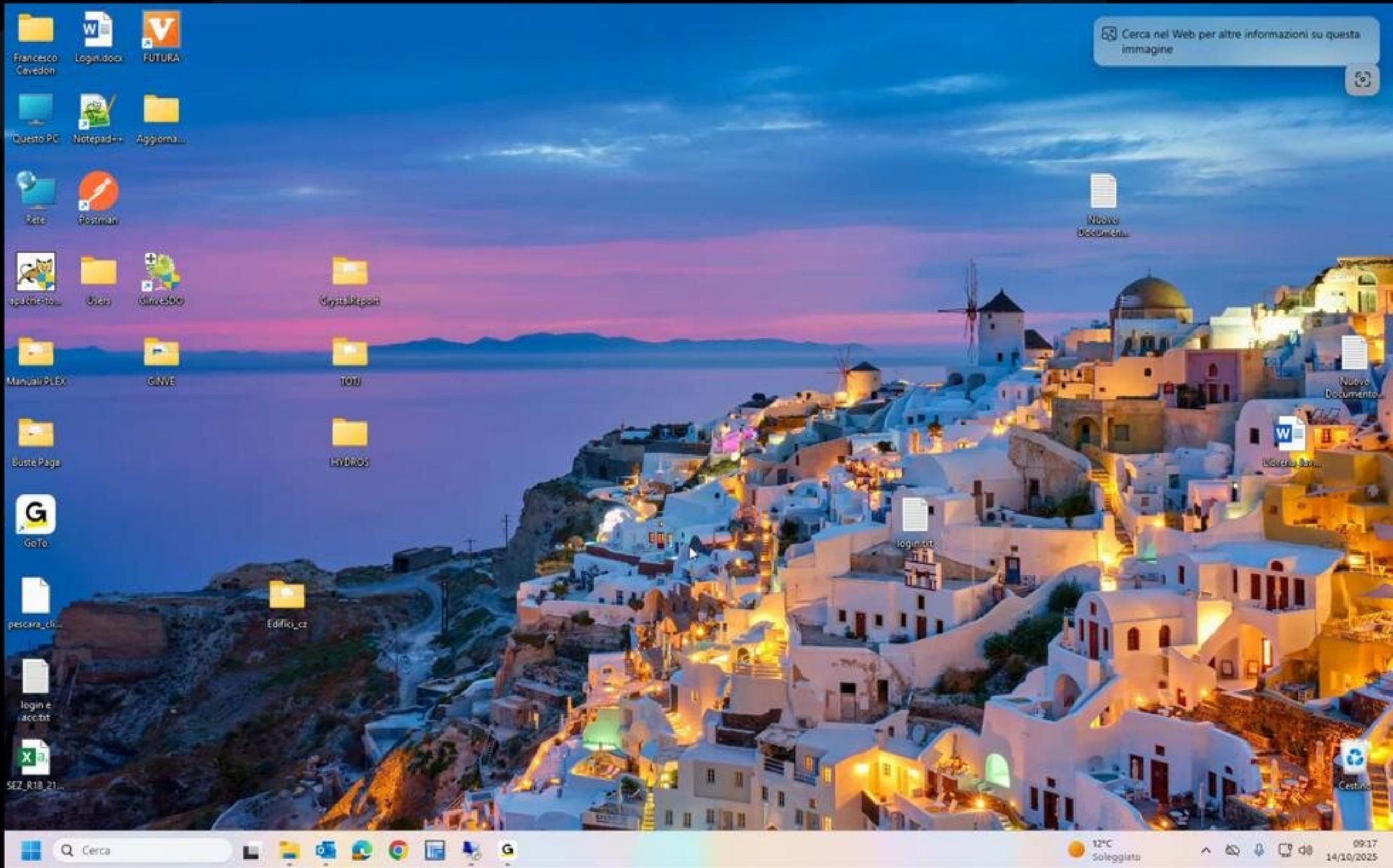




Nobody has shared their screen or turned on their camera yet





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Login.docx

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Notepad++

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Rete

Postman

spazio...

Users

cinqu...

Cryptolipon

Manuali PLEX

GIVE

TOTJ

Buste Page

HYDROS

GoTo

percara_cli...

Edifici_cz

login e acc...

SEZ_R18_21...

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Blarena Jan...

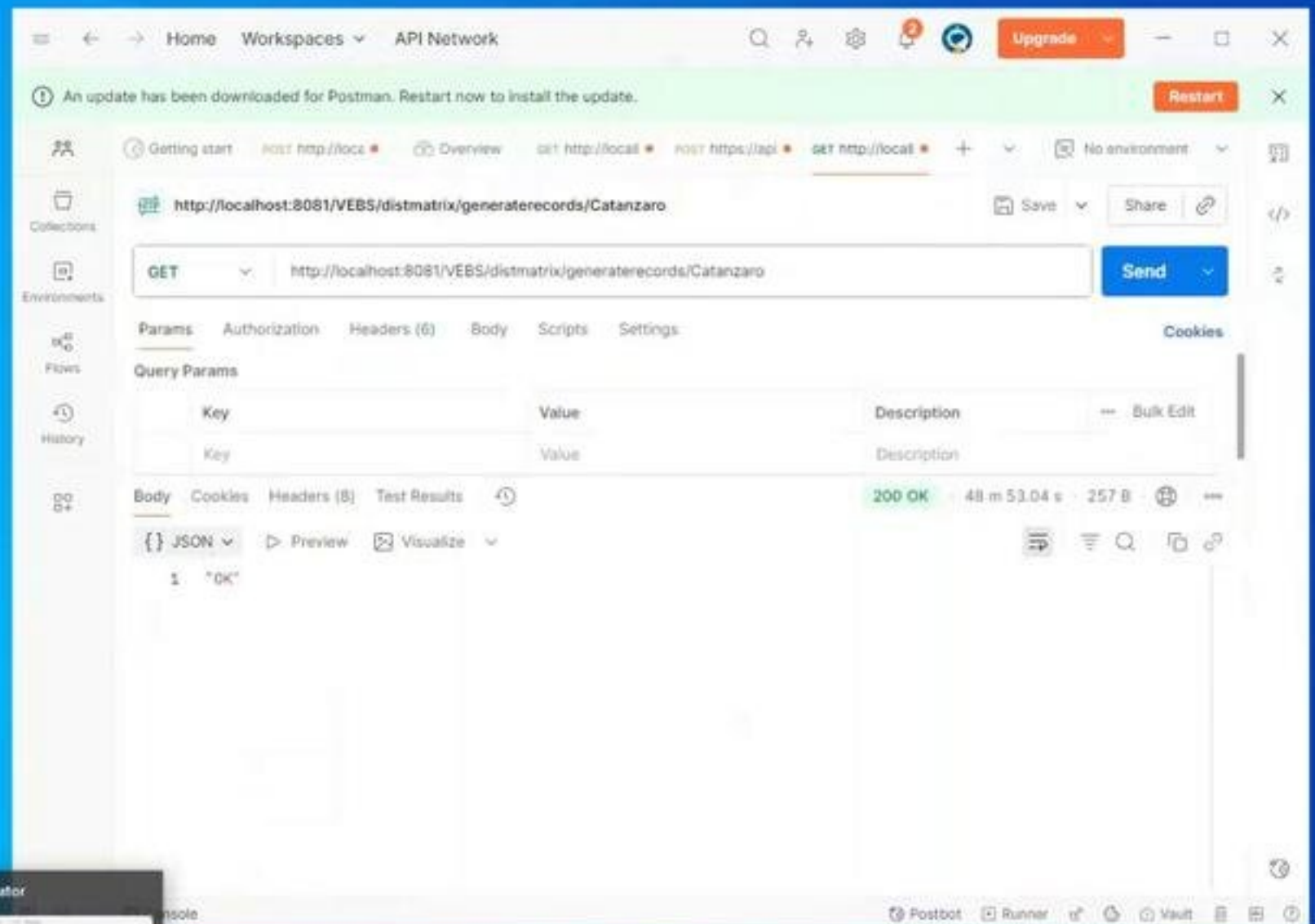
login.txt

Cestino

Cerca

12°C
Soleggiato

09:17
14/10/2025



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graphhopper/example/src/main x GeoServer: Layer x Progetto VEBS x HTTP Status 400 - Bad Request x Home | nivo

nivo.rocks

Home | nivo
nivo.rocks
Memoria utilizzata: 42,6 MB

italiano

nivo

nivo provides a rich set of dataviz components, built on top of D3 and React.

Chord Diagram

Line Chart

Circle Packing Layout

Area Bump Chart

Bar Chart

Stream Chart

Pie Chart

Calendar

Radar Chart

Voronoi Tessellation

Tree Map

Sunburst Chart

Sanku

Swarm Plot

Machado Chart

Bump Chart

Radial Bar Chart

Choropleth Map

Bar Chart

Iceberg Chart

Chord Diagram

Scrivi qui il testo da cercare.

09:27
14/10/2025

8.7. Enumerated types

8.7.1. Declaration of Enumerated Types

8.7.2. Ordering

8.7.3. Type Safety

8.7.4. Implementation Details

Enumerated (enum) types are data types that comprise a static, ordered set of values. They are equivalent to the enum types supported in a number of programming languages. An example of an enum type might be the days of the week, or a set of status values for a piece of data.

8.7.1. Declaration of Enumerated Types

Enum types are created using the **CREATE TYPE** command, for example:

```
CREATE TYPE mood AS ENUM ('sad', 'ok', 'happy');
```

Once created, the enum type can be used in table and function definitions m

```
CREATE TYPE mood AS ENUM ('sad', 'ok', 'happy');
CREATE TABLE person (
    name text,
    current_mood mood
);
INSERT INTO person VALUES ('Moe', 'happy');
SELECT * FROM person WHERE current_mood = 'happy';
name | current_mood
-----+-----
Moe  | happy
(1 row)
```

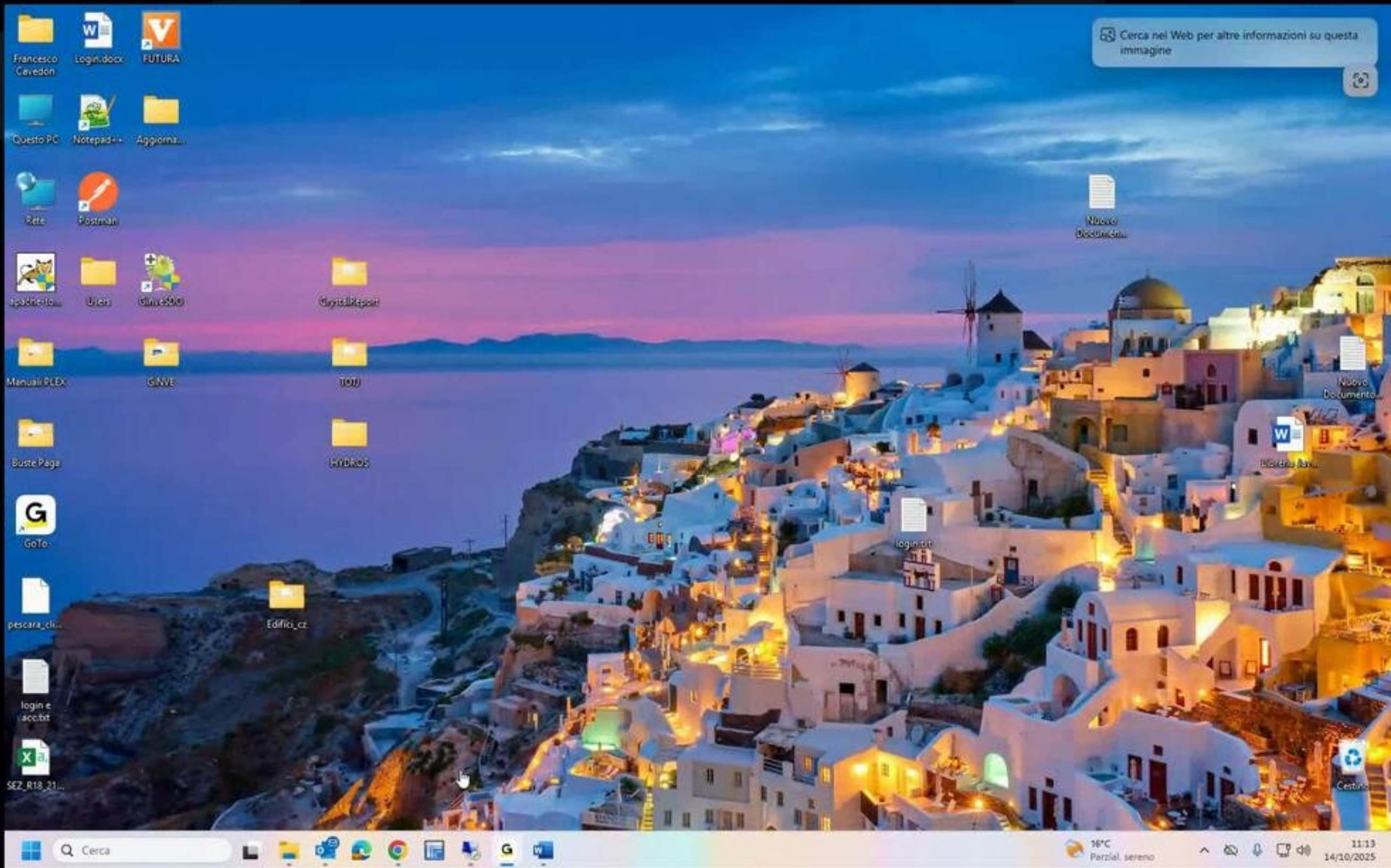


8.7.2. Ordering

The ordering of the values in an enum type is the order in which the values were listed when the type was created. All standard comparison operators and related aggregate functions are supported for enums. For example:

```
INSERT INTO person VALUES ('Larry', 'sad');
INSERT INTO person VALUES ('Curly', 'ok');
SELECT * FROM person WHERE current_mood > 'sad';
name | current_mood
-----+-----
Moe  | happy
```

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Nuovo Documento...

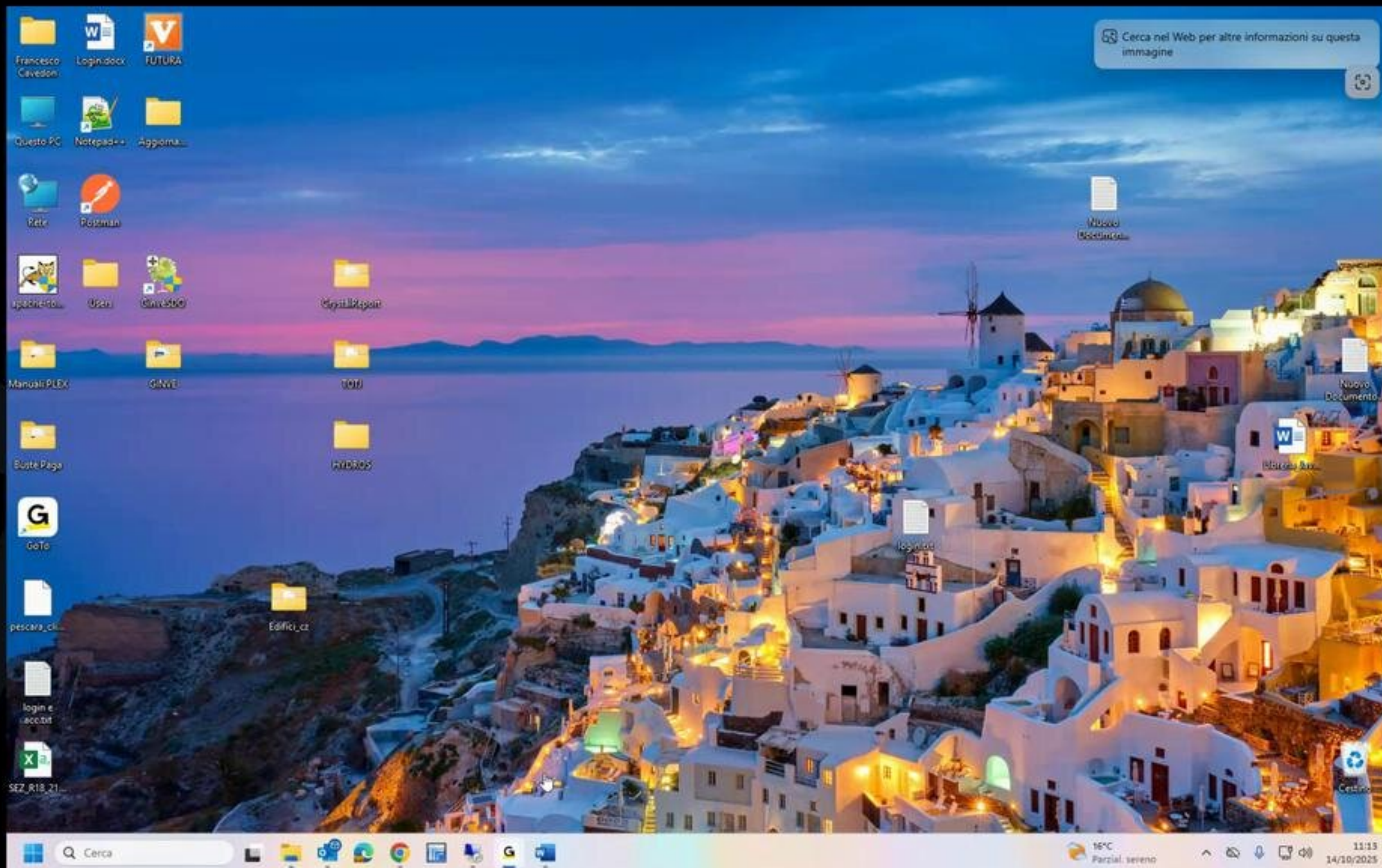
Nuovo Documento...

login.docx
Biblioteca...

Cestino

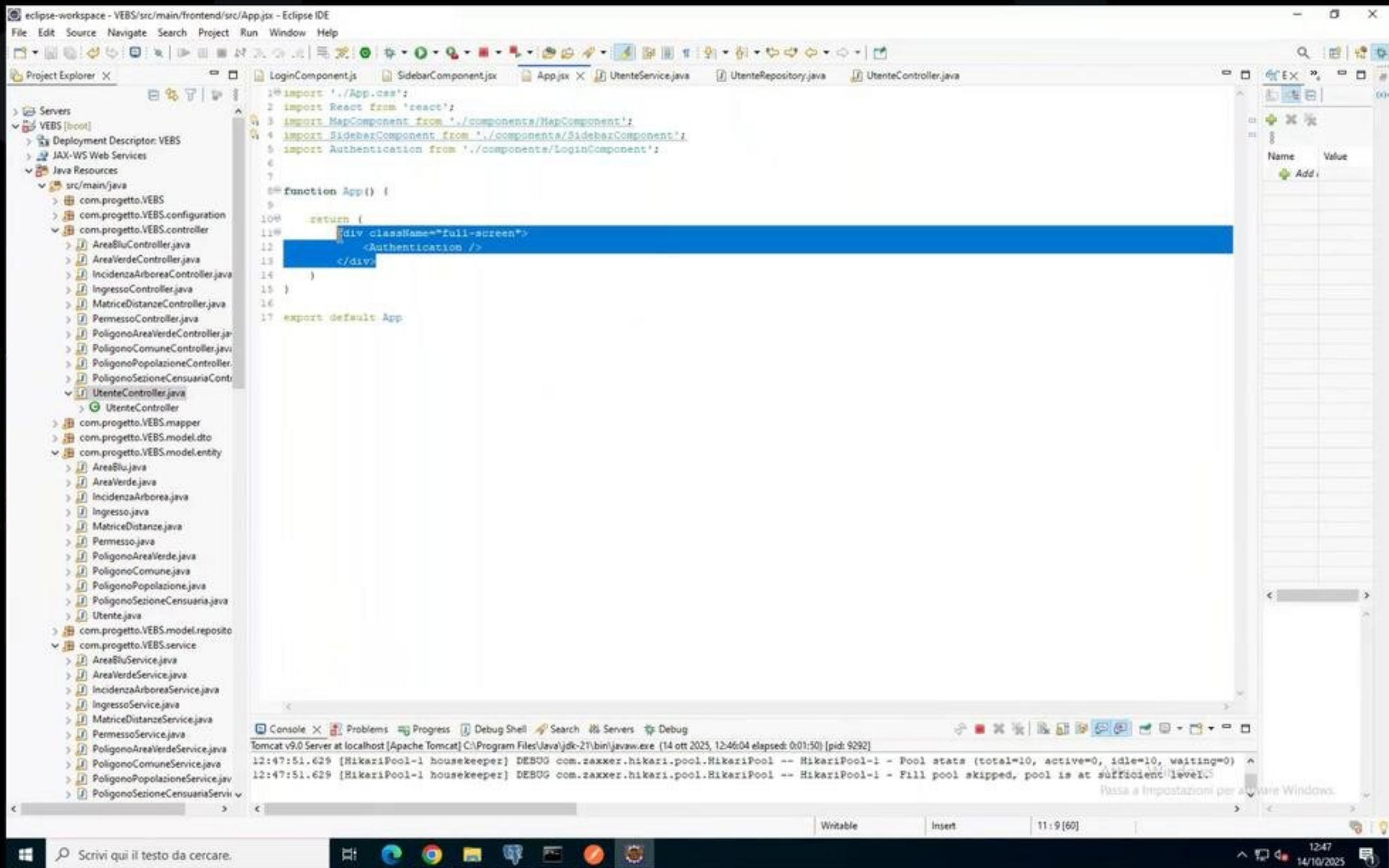
Cerca

16°C
Parzialmente sereno
11:13
14/10/2025





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eclipse-workspace - VEBS/src/main/frontend/src/App.jsx - Eclipse IDE

File Edit Source Navigate Search Project Run Window Help

Project Explorer

- main
 - frontend
 - components
 - dist
 - hooks
 - lib
 - node_modules
 - public
 - resources
 - src
 - assets
 - components
 - DialogDataComponent.js
 - DialogDrawDataComponen
 - DialogStackProvider.jsx
 - LoginComponent.js
 - Map.css
 - MapComponent.jsx
 - SidebarComponent.jsx
 - StatsComponent.jsx
 - utils
 - alert.jsx
 - apicalls.js
 - charts.jsx
 - directions_feature.js
 - draw_feature.js
 - edit_feature.js
 - map.js
 - modals.jsx
 - PopupFeature.js
 - Selector.jsx
 - stats_feature.js
 - WktPreview.jsx
 - App.css
 - App.jsx
 - index.css
 - main.jsx
 - components.json
 - eslint.config.js
 - index.html
 - jsconfig.json
 - package.json
 - package-lock.json
 - postcss.config.js
 - README.md
 - tailwind.config.js
 - vite.config.js

App.jsx

```
1 import './App.css';
2 import React from 'react';
3 import MapComponent from './components/MapComponent';
4 import SidebarComponent from './components/SidebarComponent';
5 import Authentication from './components/LoginComponent';
6
7
8 function App() {
9
10   return (
11     <div className="full-screen">
12       <Authentication />
13     </div>
14   )
15 }
16
17 export default App;
```

Console

Tomcat v9.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-21\bin\javaw.exe (14 ott 2025, 12:46:04 elapsed: 0:02:34) [pid: 9292]

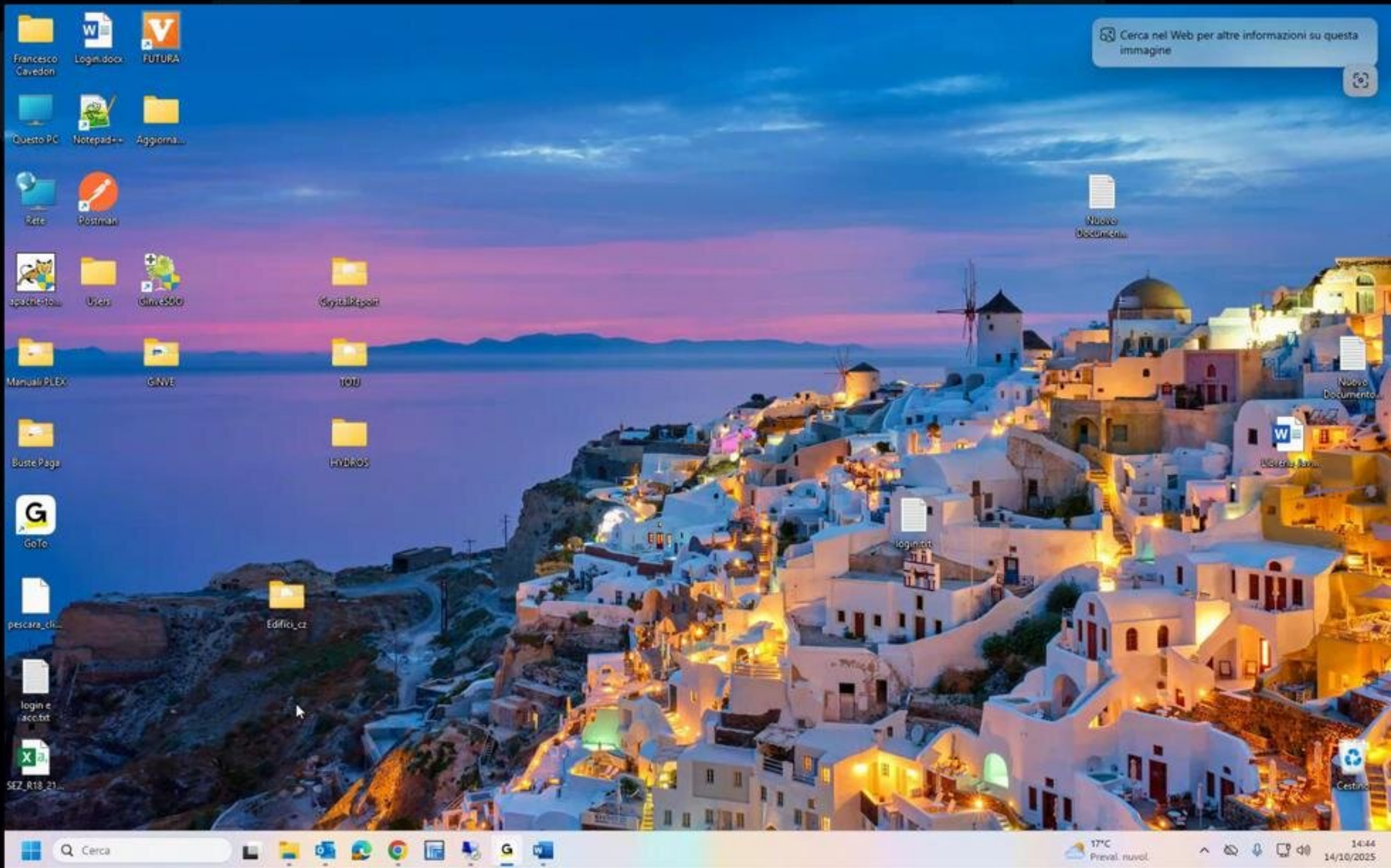
12:48:21.630 [HikariPool-1 housekeeper] DEBUG com.zaxxer.hikari.pool.HikariPool -- HikariPool-1 - Pool stats (total=10, active=0, idle=10, waiting=0)

12:48:21.630 [HikariPool-1 housekeeper] DEBUG com.zaxxer.hikari.pool.HikariPool -- HikariPool-1 - Fill pool skipped, pool is at sufficient level

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Writeable Insert 11:9 [60]

12:48 14/10/2025







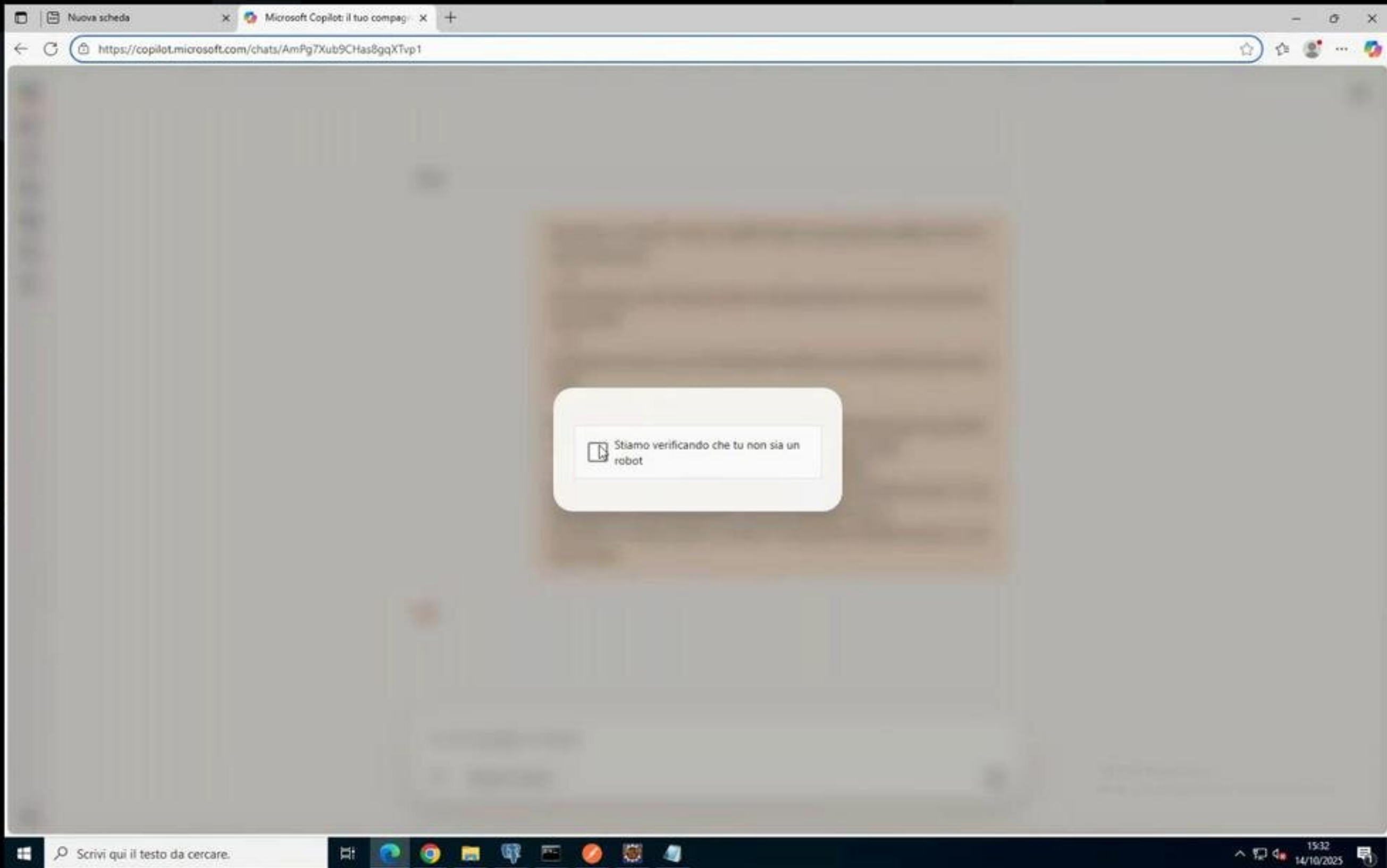
Verifica in corso

Ciao. Di cosa parliamo oggi?

Crea un riepilogo di questa pagina

Approfondisci questo argomento

Invia un messaggio a Copilot o @ menziona una scheda
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Oggi

```
Exception in thread "http-nio-8081-Poller" java.lang.OutOfMemoryError: Java heap space
at
java.base/java.util.Collections$UnmodifiableCollection.iterator(Collection
s.java:1074)
at
org.apache.tomcat.util.net.NioEndpoint$Poller.timeout(NioEndpoint.java:1
049)
at
org.apache.tomcat.util.net.NioEndpoint$Poller.run(NioEndpoint.java:851)
at java.base/java.lang.Thread.runWith(Thread.java:1596)
at java.base/java.lang.Thread.run(Thread.java:1583)
Exception in thread "pool-5-thread-2" java.lang.OutOfMemoryError: Java
heap space: failed reallocation of scalar replaced objects
Exception in thread "pool-5-thread-1" java.lang.OutOfMemoryError: Java
heap space
```

You're encountering a `java.lang.OutOfMemoryError: Java heap space` error, which means your Java application has run out of memory allocated to the heap. This is a common issue in memory-intensive applications, especially when dealing with large collections, threads, or inefficient resource handling.

Here's how you can address it:

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```
at
org.apache.tomcat.util.net.NioEndpoint$Poller.timeout(NioEndpoint.java:1
049)
at
org.apache.tomcat.util.net.NioEndpoint$Poller.run(NioEndpoint.java:851)
at java.base/java.lang.Thread.runWith(Thread.java:1596)
at java.base/java.lang.Thread.run(Thread.java:1583)
Exception in thread "pool-5-thread-2" java.lang.OutOfMemoryError: Java
heap space: failed reallocation of scalar replaced objects
Exception in thread "pool-5-thread-1" java.lang.OutOfMemoryError: Java
heap space
```

You're encountering a `java.lang.OutOfMemoryError: Java heap space` error, which means your Java application has run out of memory allocated to the heap. This is a common issue in memory-intensive applications, especially when dealing with large collections, threads, or inefficient resource handling.

Here's how you can address it:

Solutions to Fix Java Heap Space Error

1. Increase Heap Size

You can increase the maximum heap size using JVM options:

Bash ^

Copia

```
java -Xms512m -Xmx2048m -jar yourApp.jar
```

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1. Overview

Apache Tomcat is an open-source Java servlet web container server that is used to deploy Java-based applications. Tomcat server primarily executes Java servlets and JSP for dynamic web applications. **In configuring the Tomcat server, we can use *CATALINA_OPTS* and *JAVA_OPTS* env variables for JVM settings.**

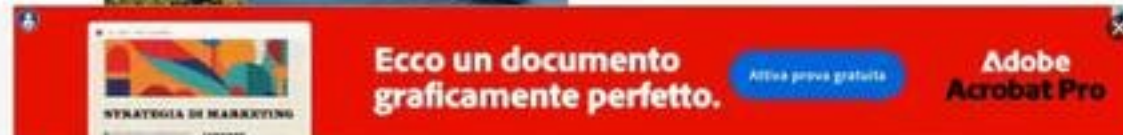
In this tutorial, we'll look at the use of *CATALINA_OPTS* and *JAVA_OPTS* in the Tomcat server.

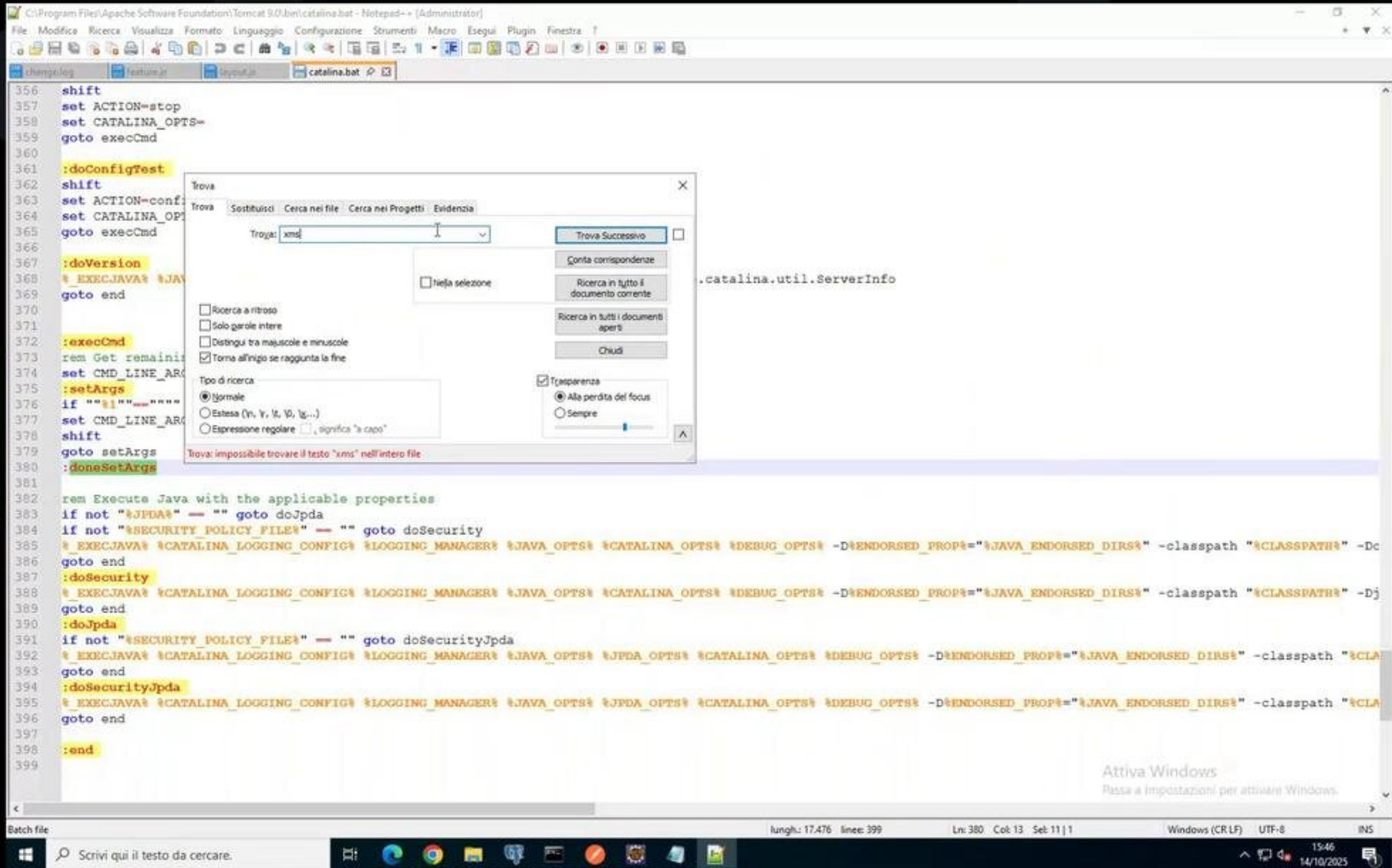
2. Importance of *CATALINA_OPTS* and *JAVA_OPTS*

Tomcat servers use the *CATALINA_OPTS* and *JAVA_OPTS* env variables for customized configuration. Both these env variables allow us to customize the JVM options for the Tomcat server, but they are used for slightly different purposes. Customization of JVM options is vital to achieving the high performance of a web application.

We can use these env variables for scalability and security in the server. Additionally, we can use these env variables for global JVM configurations, performance tuning, and configuration standardization.

The key difference between both the env variables is that any change in *JAVA_OPTS* applies to all the running Tomcat instances, whereas *CATALINA_OPTS* works only on a single Tomcat instance. Hence, we can use *JAVA_OPTS* to set global JVM configurations for all the Tomcat instances running on the same JVM.





```
356 shift
357 set ACTION=stop
358 set CATALINA_OPTS=
359 goto execCmd
360
361 :doConfigTest
362 shift
363 set ACTION=configtest
364 set CATALINA_OPTS=
365 goto execCmd
366
367 :doVersion
368 %EXECJAVA% %JAVA_OPTS% -classpath "%CATALINA_HOME%\lib\catalina.jar" org.apache.catalina.util.ServerInfo
369 goto end
370
371
372 :execCmd
373 rem Get remaining unshifted command line arguments and save them in the
374 set CMD_LINE_ARGS=
375 :setArgs
376 if ""%1"" == "" goto doneSetArgs
377 set CMD_LINE_ARGS=%CMD_LINE_ARGS% %1
378 shift
379 goto setArgs
380 :doneSetArgs
381
382 rem Execute Java with the applicable properties
383 if not "%JPDA%" == "" goto doJpda
384 if not "%SECURITY_POLICY_FILE%" == "" goto doSecurity
385 %EXECJAVA% %CATALINA_LOGGING_CONFIG% %LOGGING_MANAGER% %JAVA_OPTS% %CATALINA_OPTS% %DEBUG_OPTS% -D%ENDORSED_PROP%="%JAVA_ENDORSED_DIRS%" -classpath "%CLASSPATH%" -Dc
386 goto end
387 :doSecurity
388 %EXECJAVA% %CATALINA_LOGGING_CONFIG% %LOGGING_MANAGER% %JAVA_OPTS% %CATALINA_OPTS% %DEBUG_OPTS% -D%ENDORSED_PROP%="%JAVA_ENDORSED_DIRS%" -classpath "%CLASSPATH%" -Dj
389 goto end
390 :doJpda
391 if not "%SECURITY_POLICY_FILE%" == "" goto doSecurityJpda
392 %EXECJAVA% %CATALINA_LOGGING_CONFIG% %LOGGING_MANAGER% %JAVA_OPTS% %JPDA_OPTS% %CATALINA_OPTS% %DEBUG_OPTS% -D%ENDORSED_PROP%="%JAVA_ENDORSED_DIRS%" -classpath "%CLA
393 goto end
394 :doSecurityJpda
395 %EXECJAVA% %CATALINA_LOGGING_CONFIG% %LOGGING_MANAGER% %JAVA_OPTS% %JPDA_OPTS% %CATALINA_OPTS% %DEBUG_OPTS% -D%ENDORSED_PROP%="%JAVA_ENDORSED_DIRS%" -classpath "%CLA
396 goto end
397
398 :end
399
```

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