

utf 8 code can't decode byte 0xa0 in position 5469: Invalid start byte.

Last edited by [VREDDY10](#) 2 years ago

Issue Description:-

The "utf-8 code can't decode byte" error occurred while performing the coanalyze of the c file which has the file encoding as ANSI or etc.

Error Message/screenshot:-

```
"utf-8 code can't decode byte 0xa0 in position 5469: Invalid start byte."

(RSA1025_14dec) :~/RSA1025_14dec$ dn build --env VARIANT=program_s100_run2 --type vp --covanalyze '/home/ /RSA1025_14dec/cluster-platform/turing/cdd/soundcdd/src/src/Imx8/I2s/SndDrvCdd_
imx8.c' --config "programs/renault/my2023/rsa1025ph2/vp-build/coverity/Visteon_Compiler_Config_v4.0/GHS_CCARM/template-green_hills-config-0/coverity_config.xml"

INFO!! Using [2010] as GHS_LMPORT

'utf-8' codec can't decode byte 0xa0 in position 5469: invalid start byte
```

- Resolution-1 : [Follow this method if you have wsl2 and VS code installed in your machine.](#)
- Resolution-2 : [Follow this method if you have wsl2 and Notepad++ installed on your machine.](#)
- Resolution-3 : [Adding global git configuration to download all source files in UTF-8 Encoding Format.](#)

Resolution 1:

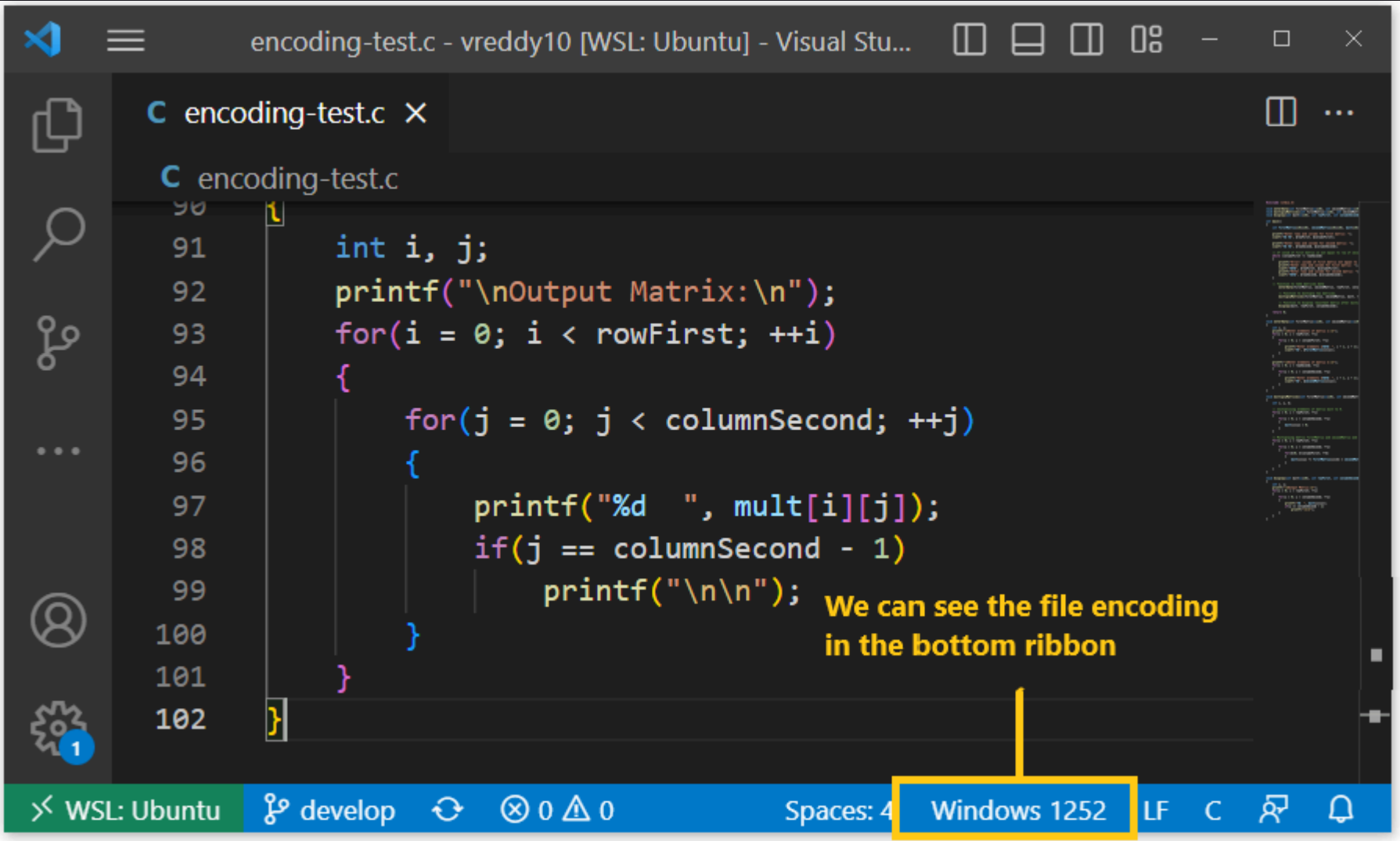
1. To open the file with VS code using the Ubuntu distro perform the below step for which the coanalyze had performed or the file for which this encoding error has thrown.

```
code <path-to-the-file>
```

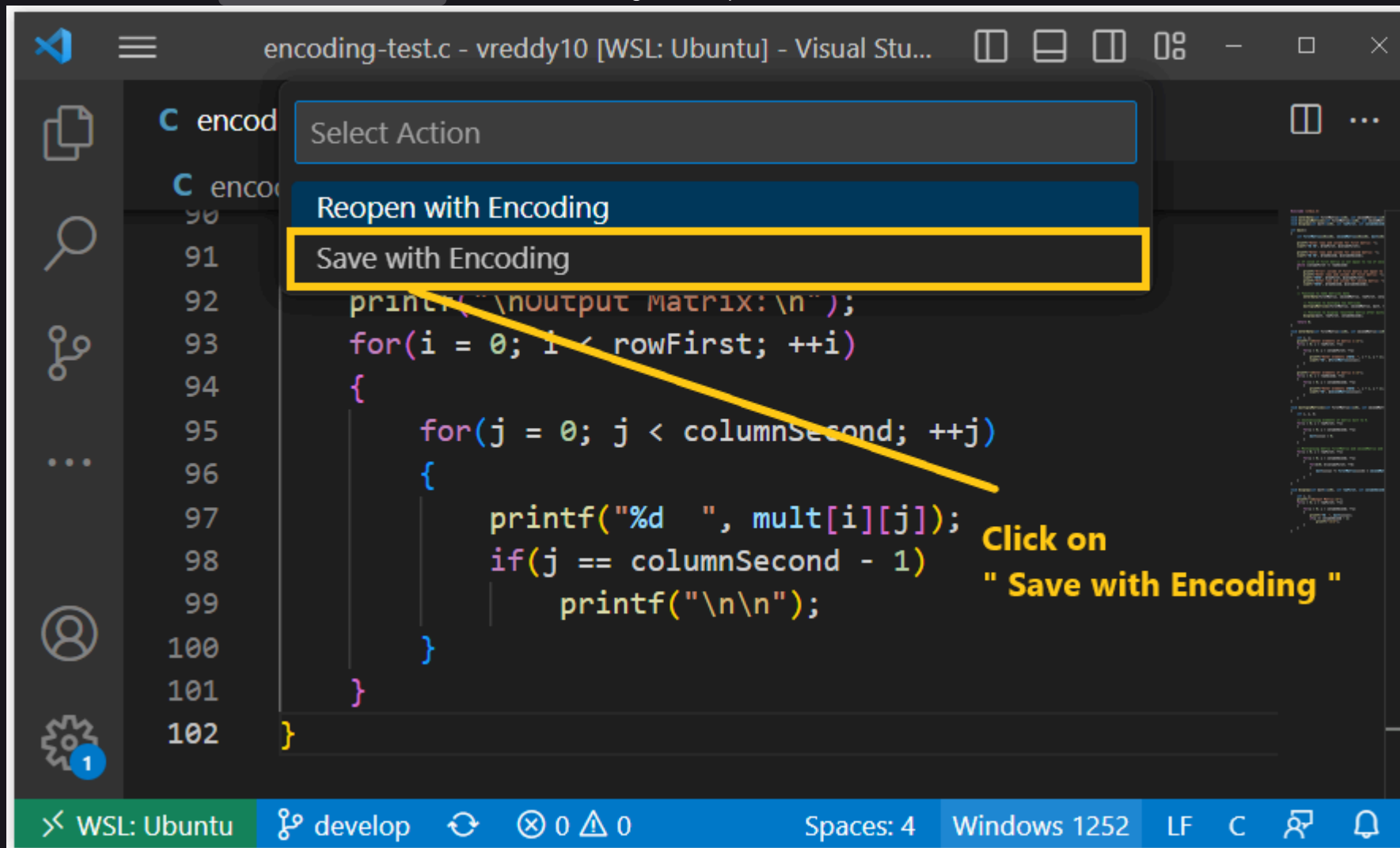
Example:

```
vreddy10@IND6LXPKL3: ~/testdevNext
vreddy10@IND6LXPKL3:~/testdevNext$ code programs/toyota/my2024/38xd/vp-apps-stub/testFile.c
```

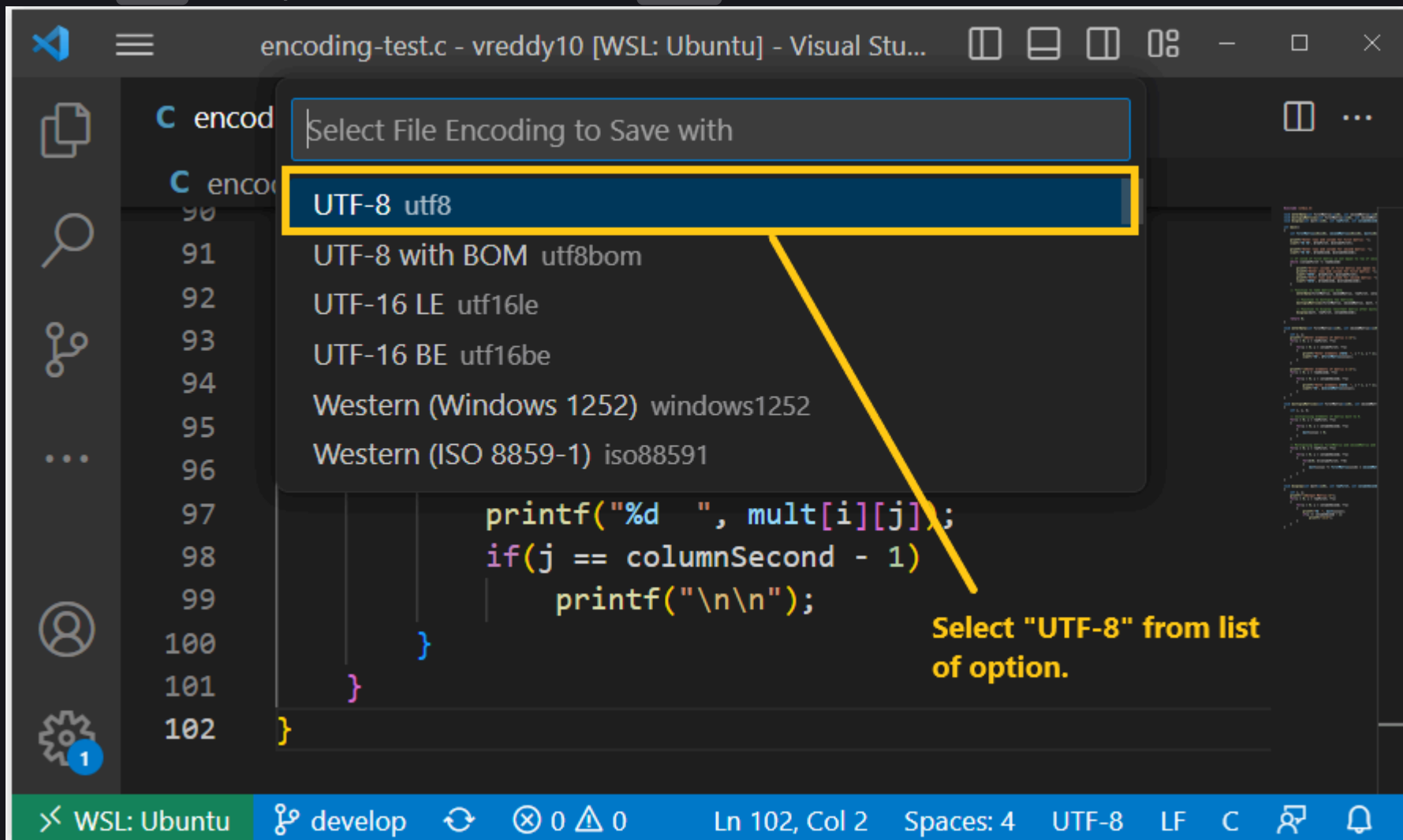
2. Click on `encoding format` in the bottom bar.



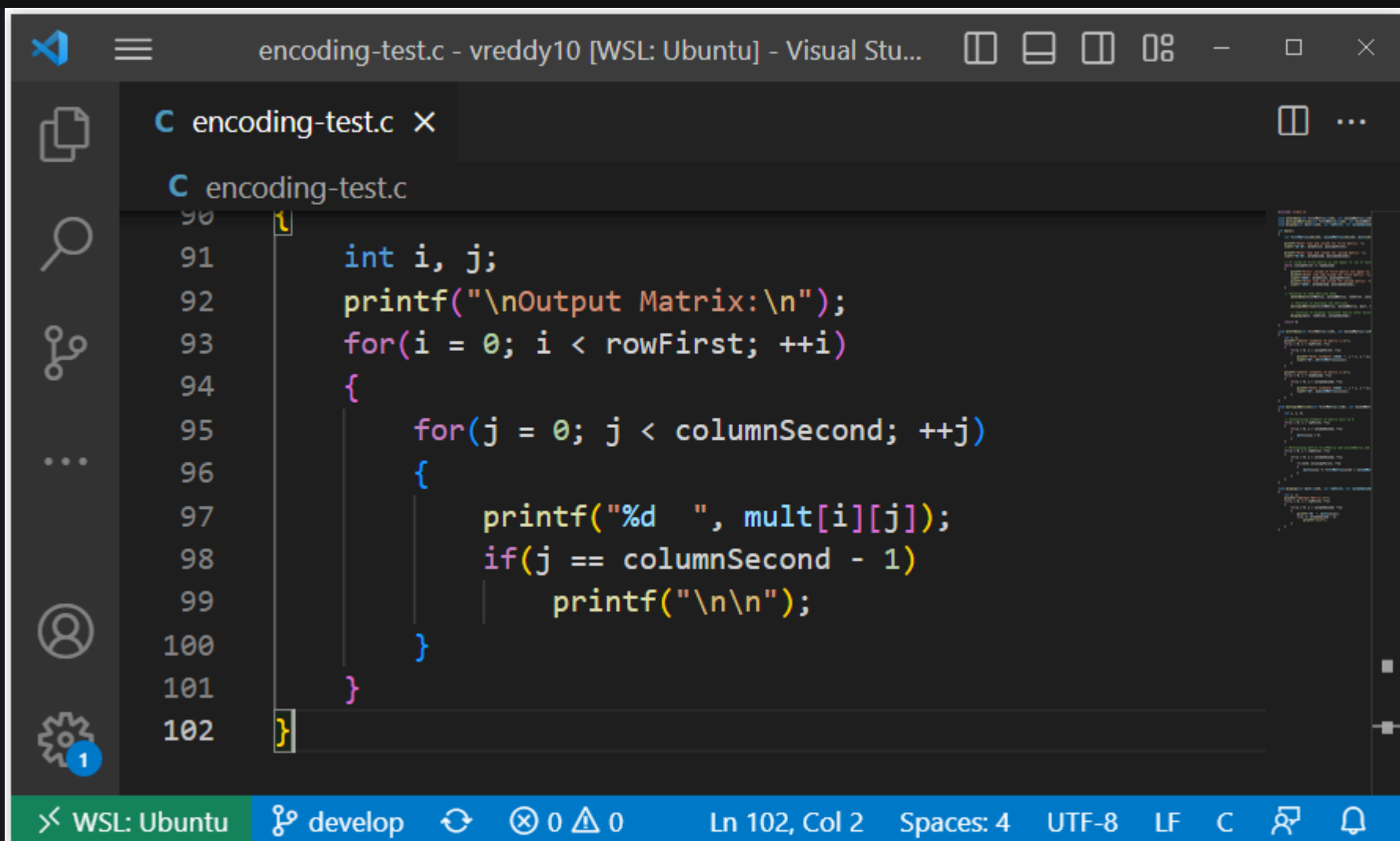
3. Please select the **Save with Encoding** from the following list of options.



4. Select the **UTF-8** encoding from list of options and perform **CTRL+S** to save the file.



5. After saving the file, we can see the file encoding as "**UTF-8**" at the bottom of the VS Code window.

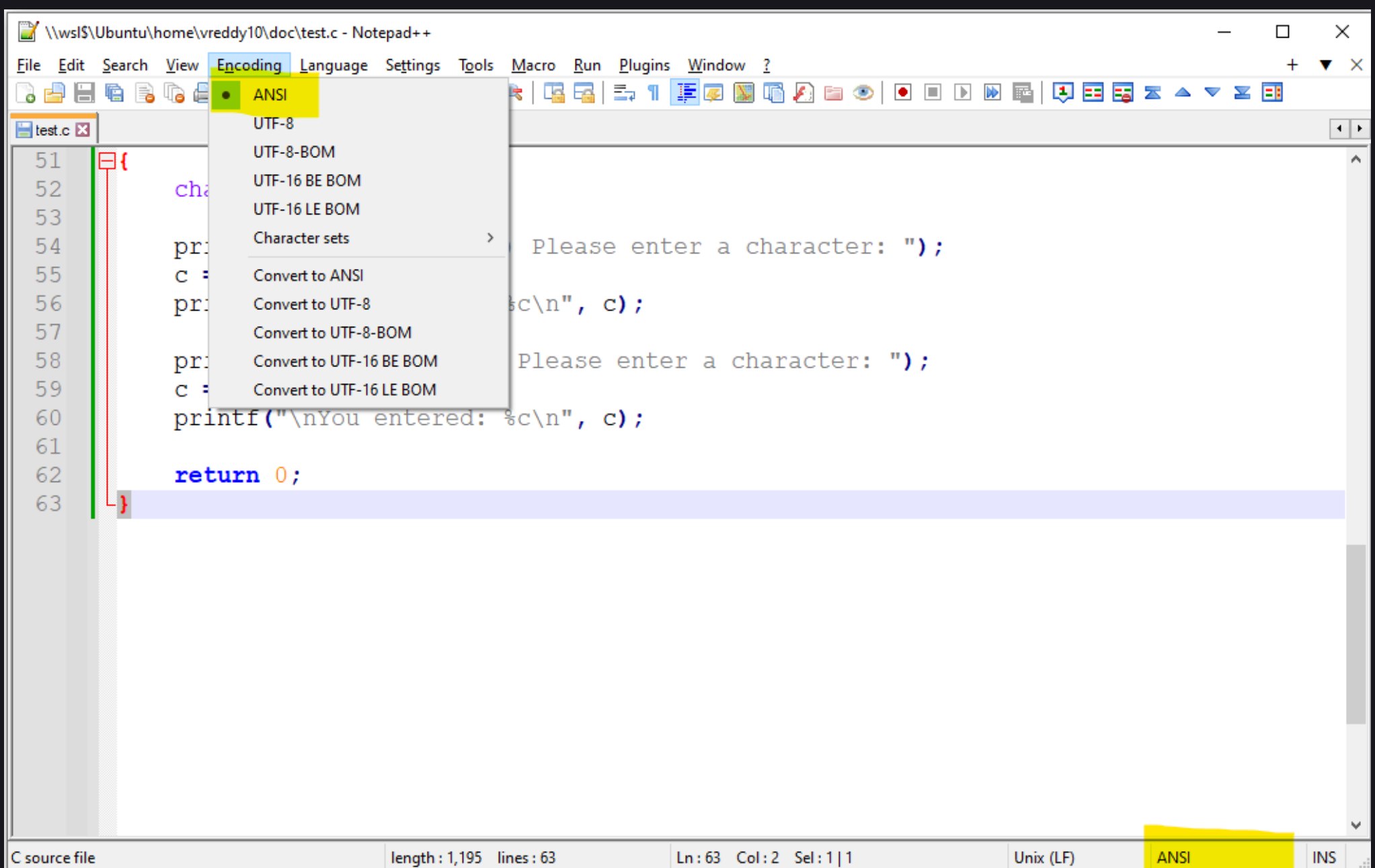


```
90
91     int i, j;
92     printf("\nOutput Matrix:\n");
93     for(i = 0; i < rowFirst; ++i)
94     {
95         for(j = 0; j < columnSecond; ++j)
96         {
97             printf("%d  ", mult[i][j]);
98             if(j == columnSecond - 1)
99                 printf("\n\n");
100         }
101     }
102 }
```

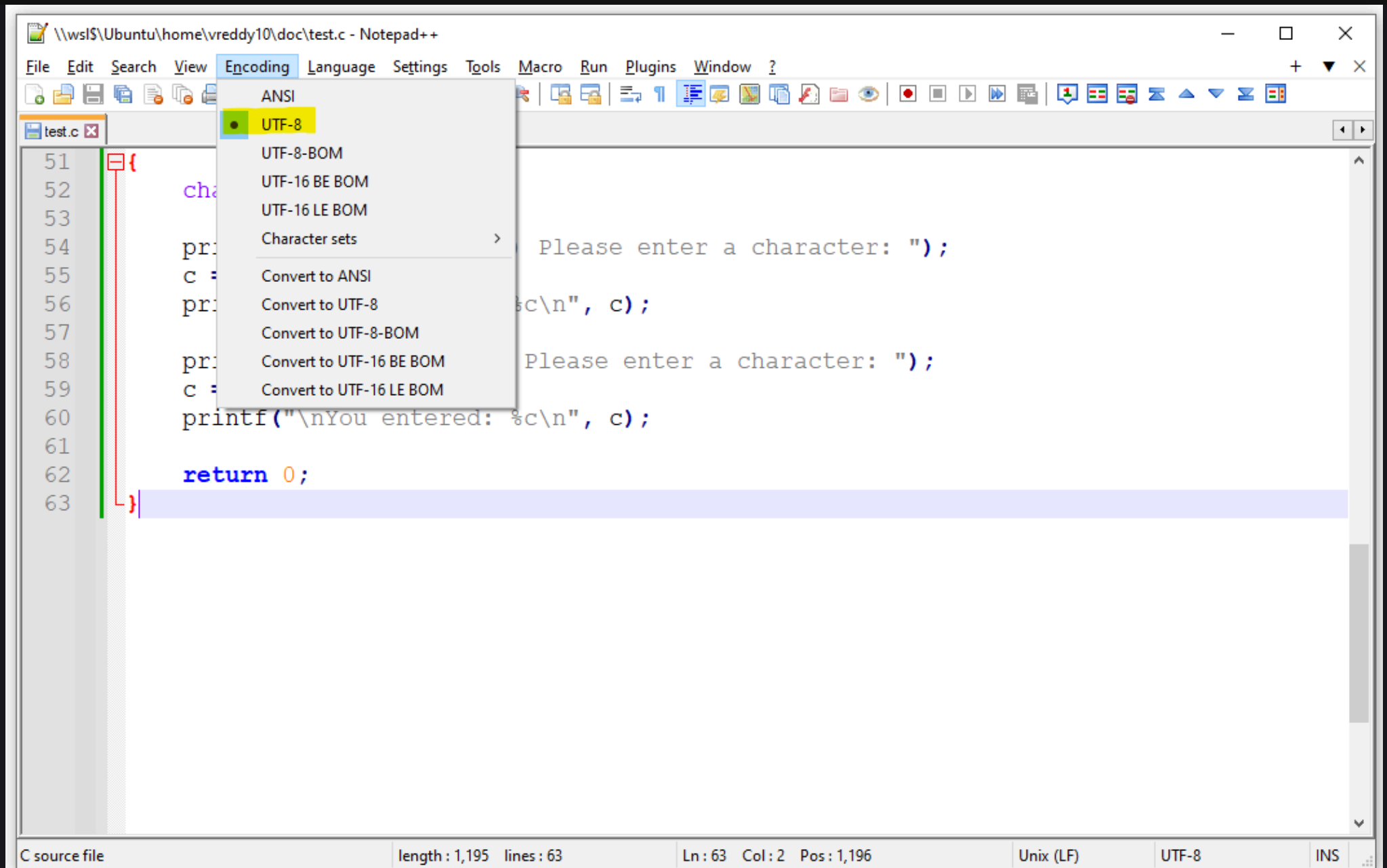
WSL: Ubuntu develop 0 0 Ln 102, Col 2 Spaces: 4 UTF-8 LF C

Resolution 2:

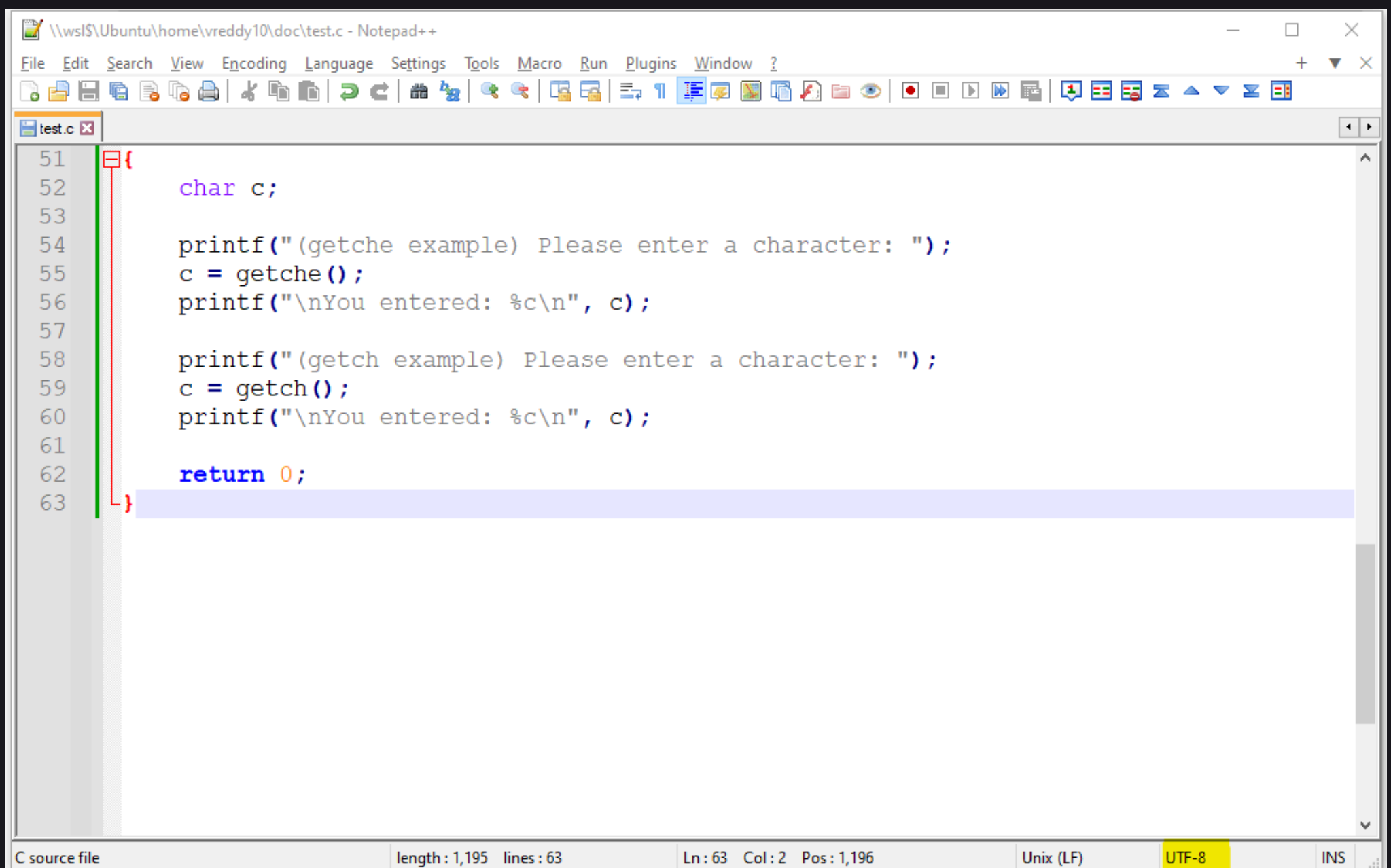
1. If you are using wsl2, perform the following command `explorer.exe` . to access the file system and navigate to the file location.
2. Right Click on the file and Open the file with Notepad++.
3. After opening the file click on **Encoding** from the Menu bar and we see the default file encoding with a dot mark.



4. Select **UTF-8** from the list of file encoding options and **save** the file.



5. We can see the updated file Encoding from the bottom ribbon of the file.



Resolution 3:

Perform the below step to add GIT Global Configuration, This will specify the default character encoding to use for displaying file contents.

```
git config --global gui.encoding utf-8
```

You can use `devNext --help` or `devNext --commands --help` for more options/help

FAQs at <https://q2a.visteon.com/tag/git/>

- **Support:** If you've any Queries w.r.t above mentioned steps, please reach out to  devNext.support@visteon.com