Visual Studio or Visual Studio Code > menu > View > Terminal
shows Developer PowerShell pane where you can access the "matrix" server.

Run Secure File Transfer Protocol (`sftp`) one time only to create a directory (`mkdir`) for your C source files.

> `sftp seneca_user_id@matrix.SenecaCollege.ca`

`seneca_user_id@matrix.senecacollege.ca's password:` `*************`

`sftp>` `mkdir Csource`   *[or another directory name]*

`sftp>` `quit`

When you "Configure your new project" in Visual Studio,
check the box to "Place solution and project in the same directory" to avoid the next step…

`PS C:\Users\user\source\repos\ProjectName>` `ls *.c -r`

If you see this, then skip down to running scp
  `Directory: C:\Users\user\source\repos\ProjectName`

If you see this,
  `Directory: C:\Users\user\source\repos\ProjectName\ProjectName`
then change to the sub-directory
`PS C:\Users\user\source\repos\ProjectName>` `cd ProjectName`

Run Secure Copy Protocol (`scp`) to transfer the source code file

> `scp *.c [TAB key]` *[tells system to find a file with a .c extension, then add* `user@host:dir` *]*

> `scp .\helloWorld.c seneca_user_id@matrix.SenecaCollege.ca:Csource`

`seneca_user_id@matrix.senecacollege.ca's password:` `*************`

> `ssh seneca_user_id@matrix.SenecaCollege.ca`

`seneca_user_id@matrix.senecacollege.ca's password:` `*************`

`[seneca_user_id@mtrx-node03pd ~]$` `cd Csource`

`[seneca_user_id@mtrx-node03pd ~]$` `gcc -Wall helloWorld.c -o helloWorld`

`[seneca_user_id@mtrx-node03pd ~]$` `helloWorld`

`Hello, World!`

`This is quidam.`

`[seneca_user_id@mtrx-node03pd ~]$` `logout`