Where is the helloWorld.c source file? Copy its full path and paste here. (20 marks)

*(Hints at using File Explorer to find it are in the VS demo document.)*

*C:\Users\NDEFRANCO\source\repos\Hello\_World\Hello\_World*

What is the content of your helloWorld.c source file? Your source code, of course.  
Copy & Paste the text from your Visual Studio editor into your answers document. (20 marks)

#include <stdio.h> // imports the standard I/O library

int main() { // Program always starts at main

printf("This is C"); // prints the string "This is C"

return 0; // terminates program

}

What are the new names of the files? **(10 points)**

* lunamoth.bmp.***txt***
* lunamoth.html.***bmp***
* lunamoth.jpg.***html***
* lunamoth.txt.***jpg***

What does this experience tell you about the importance of file names and their extensions? **(10 points)**

**It's important to give files meaningful names so that when others need access to your work they will know where to find it. The extension for the file is important because it is a quick way for the computer to determine what application will be able to understand the code in the file.**

What happens when you select the lunamoth files in your original folder, then drag them to the new folder on your USB drive or the T: drive, i.e. when the target drive is different from the source drive? **The lunamoth files will be copied to the target drive.**

What happens when you select the lunamoth files in your original folder, then drag them to the new folder on the C: drive, i.e. when dragging to a different folder within the same drive? **The file will be moved to the new folder location.**

Does the file still open properly after you change the filename of a file on the USB or T: drive, then click, drag, and drop into a Firefox tab? **Yes since the file name does not affect the contents of a file, it's only what the computer calls it**

After deleting a file, can you restore it? How? **On windows, when you delete a file, it moves to the recycle bin on the desktop where it can be recovered if you made a mistake.**

Did any of these operations have an effect on the original files? **No the original files stay the same.**

(20 marks in total for the following)

* Can you work with files (e.g. edit a text.txt or source.c file ) …
* directly on your USB drive? **Yes**
* directly in the Content System? **Yes**
* directly on OneDrive? **Yes**
* Is it worth the effort to copy the files and directories from the USB drive (or Content System or OneDrive) to the local drive, work with and save them locally, and then transfer local files back? What are the benefits and risks in having the same file on your local system and on a removeable drive or remote system? **Yes it is worth the effort because if you misplace your file on either the computer's hard drive or the USB, it's very easy to recover your work, all you have to do is copy from your other device onto the device where the file was misplaced. One risk is that you can easily lose your USB.**
* What about backup…do you have two copies of your files in geographically separate locations on independent systems? Where? **Yes, one on a USB and one on my personal laptop.**
* Make sure you have a proper backup before doing this:  
  What happens when the lab PC is restarted (not just logged off)?

**If they are not saved onto your cloud any file created and saved on the hard drive is removed after logging off.**

* After the lab PC has been restarted (or if using your own PC), do you now have **two copies** of today's files in **separate geographic locations** on **independent** systems?  **I can save a copy on a personal computer, emailing myself are a couple of ways I can backup my work.**  
  *If not, do what you need to do so that you can honestly answer "yes".*