

DAILY ASSESSMENT FORMAT

Course:	Python for Data Science	Name:	Bindu.N.R
Link:	https://cognitiveclass.ai/courses	USN:	4AL17EC101
Org By :	IBM	Semester & Section:	6-B
Github Repository:	bindunr-python	Date:	12/06/2020

Progress on 12-06-2020

• Topic Completed Today

The screenshot shows a video player interface with a URL bar at the top: `https://labs.cognitiveclass.ai/...`. The video content displays Python code for reading and writing files. The code is as follows:

```
with open("Example1.txt", "r") as readfile :  
    with open("Example3.txt", "w") as writefile:  
        for line in readfiles:  
            writefile.write(line)
```

Below the code, there are two visual representations of files:

- Example1.txt**: A blue box containing the text:
This is line A
This is line B
This is line C
- Example3.txt**: An empty yellow box.

At the bottom of the video frame, there is a progress bar showing 2:26 / 2:49, a speed control set to 1.0x, and a YouTube logo.

On the right side of the video player, there is a text overlay explaining the code:

The second iteration writes the second element of the list, and so on.
At the end of the loop the file will be closed.
We can set the mode to appended using a lower case "a".
This will not create a new file, but just use the existing file.
If we call the method write, it will just write to the existing file, then add: this is line C. Then close the file.
We can copy one file to a new file as follows: First, we read the file example 1 and interact with it via the file object "read file".
Then we create a new file example 3 and use the file object "write file" to interact with it.
The "for loop" takes a line from the file object read file and stores it in the file.
example 3 using the file object write file.
The first iteration copies the first line.
The second iteration copies the second line till the end of the file is reached, then both files are closed.
Check out the labs for more examples.

