**DAILY ASSESSMENT FORMAT**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date:23/05/2020** |  | **Name: ARCHANA C J** |  |
| **Course: Python** |  | **USN:4AL16EC007** |  |
| **Topic:** |  | **Semester & Section:8th A** |  |
| **AFTERNOON SESSION DETAILS** | | | |
| **C:\Users\Archana\Pictures\Screenshots\Screenshot (72).png** | | | |
| In this section I learned that:  I can read an existing file with Python:  with open("file.txt") as file:  content = file.read()  I can create a new file with Python and write some text on it:  with open("file.txt", "w") as file:  content = file.write("Sample text")  can append text to an existing file without overwriting it:  with open("file.txt", "a") as file:  content = file.write("More sample text")  I can both append and read a file with:  with open("file.txt", "a+") as file:  content = file.write("Even more sample text")  file.seek(0)  content = file.read()  Builtin objects are all objects that are written inside the Python interpreter in C language.  Builtin modules contain builtins objects.  Some builtin objects are not immediately available in the global namespace. They are parts of a builtin module. To use those objects the module needs to be imported first. E.g.:  import time  time.sleep(5)  A list of all builtin modules can be printed out with:  import sys  sys.builtin\_module\_names  Standard libraries is a jargon that includes both builtin modules written in C and also modules written in Python.  Standard libraries written in Python reside in the Python installation directory as .py files. You can find their directory path with sys.prefix.  Packages are a collection of .py modules. learnt how to load Excel (.xlsx) files in Python with pandas. Pandas may require the xlrd library as a dependency. If you get an error such as ModuleNotFoundError: No module named 'xlrd', you can fix the error by installing xlrd:  pip install xlrd  or  pip3 install xlrd  Third-party libraries are packages or modules written by third-party persons (not the Python core development team).  Third-party libraries can be installed from the terminal/command line:  Windows:  pip install pandas or use python -m pip install pandas if that doesn't work.  Mac and Linux:  pip3 install pandas or use python3 -m pip install pandas if that doesn't work. | | | |