**DAILY ASSESSMENT FORMAT**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date:** | **23/5/2020** | **Name:** | **Abhishek Vasudev Mahendrakar** |
| **Course:** | 1. **Fixing Programming Errors** 2. **Application 3: Build a Website Blocker** | **USN:** | **4AL17EC003** |
| **Topic:** | **Python Revision, Python Code**  **Challenge** | **Semester & Section:** | **6th-‘A’** |
| **FORENOON + AFTERNOON SESSION DETAILS** | | | |
| **Image of session** | | | |
| **Report – Report can be typed or hand written for up to two pages.**   |  | | --- | | **Fixing programming errors**  **Types of errors**  **1. Syntax errors**  print(1)  int(9)  print(2) |   a={1, 2, 3}  **2. Runtime errors**    **Error handling**  a=1  b='2'  c=3  print (int(2,5))  print(c/0)  **eg.,**  **def divide(a,b):**  return a/b  **print(divide(1,0))**  **error**⇒ **Zero division error: division by zero**  **Application: 03**  **Build a website blocker**  How the outlook of the program website blocker  Application and architecture of the program of website blocker  How to setting up the script  In case you didn't understand the if not any(website in line for website in website\_list) part in the previous video, here is another example:  >>> lines = ["trees are good", "pool is fresh", "face is round"]  >>> website\_list = ["face", "clock", "trend"]  >>> for line in lines:  ... any(website in line for website in website\_list)  ...  False  False  True  Setting up the infinite loop to program  Scheduling a python program on a server  To schedule a Python script for execution on PythonAnywhere, follow these simple steps:  ● Sign up for a free account at https://www.pythonanywhere.com.  ● Go to your Dashboard, Files, Upload a File, and upload the Python file you want to schedule for execution.  ● Go to Tasks and set the time of the day you want your script to be executed and type in the name of the Python file you uploaded (e.g., myscript.py). Note that the time you enter should be in UTC.  ● Click the Create button and you’re done. | | | |