DAILY ASSESSMENT FORMAT

Date:	08/06/2020	Name:	Akshay
Course:	Management and Learning -Modern Leaders Training	USN:	4AL17EC008
Topic:	Introduction	Semester & Section:	6TH & A
Github Repository:	Akshay-Online-Course		

FORENOON SESSION DETAILS

Report:
This is NOT your parents' leadership course. This is a course specifically created to tackle what it takes to be a leader in a rapidly changing world. Today, being a leader is no longer about your job title or your years of experience. Today's top modern leaders have learned to inspire others to create, be more competitive and to innovate -- with or without the job title. We explore the concept of the modern leader, and how true leadership can stem from all areas of society, no matter your background, education, gender, or ethnicity.

What is a Leader? This is the central question within this course. We'll help you to answer this question by getting to the heart of where you are in your personal leadership journey. Whether you are an aspiring entrepreneur, looking to step up to the next level in your career or just starting your leadership journey, this course will get you there. We help you to understand who you are as a

leader today (even if you don't feel like you are a leader yet). We'll also give you the critical tools to recognize and seize leadership moments in your life.

By taking control of your future and joining this engaging online workshop, you will:

- Learn modern leadership approaches and how to apply them to your own leadership journey.

- Learn to effectively lead others by understanding the purpose for you and those around you.

- Perhaps most importantly, you'll learn how to kickstart your leadership journey, while creating the balance between career and the other important aspects of your life

The course is built around understanding what it takes to lead in a global economy, where many of the 'old rules' of leadership no longer apply. Through a series of engaging videos and conversations, we will introduce you to ideas that will help you lead people and yourself through any challenge or change.

This course is a balance of self-exploration and practical tools. You should be prepared to roll up your sleeves to put in the work for controlling your own destiny. If you are looking for a course to tell you what to say (verbatim), this course is probably not for you. But if you are looking for the keys to solving today's leadership challenges with practical tools that will work for you now and well into the future, this course is for you. Let's get started!

Who this course is for:

- Anyone interested in leading, influencing or inspiring others

- Anyone looking to learn the modern tools and techniques for leading in today's evolving work environment

- This is not a course for people seeking an easy path, quick fix or overnight success

What this course offers

- Modern leadership principles that are critical to stepping up as a leader.

- Tools that allow you to adjust your approach to handle any leadership situation

- Ways you can take concrete steps to become a better leader, regardless of your current experience or title with an organization

Comments By Students.

"This course has opened my mind to being a great leader both in my community, career and family."

"I enjoyed every bit of the class. The instructor was very articulate in its delivery and the use of simple analogies has made the course easily understandable."

"This is an excellent course for managers, leaders and everyone else striving to be a leader!"

What you'll learn
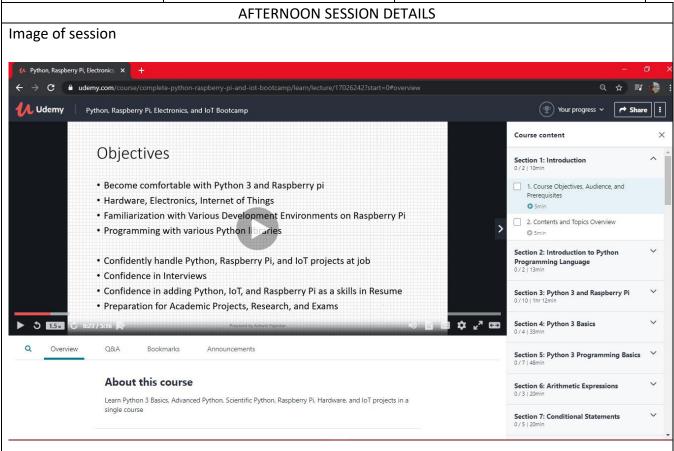
- Modern Management and Leadership

Are there any course requirements or prerequisites?

- No specific experience or background, but a willingness and desire to take control of your destiny and bootstrap your own leadership journey!

Who this course is for:

- All levels of leader, from the seasoned executive to those aspiring to lead.

Date:	08/06/2020	Name: Akshay
Course:	Complete-Python-raspberry-pi-and-IOT-bootcamp	USN: 4AL17EC008
Topic:	Introduction	Semester & Section: 6TH A SEC

AFTERNOON SESSION DETAILS

Image of session

Report – Report can be typed or hand written for up to two pages.

Web scraping is an automated method used to extract large amounts of data from websites. The data on the websites are unstructured. Web scraping helps collect these unstructured data and store it in a structured form. There are different ways to scrape websites such as online Services, APIs or writing your own code. In this article, we'll see how to implement web scraping with python.

- Ease of Use: Python is simple to code. You do not have to add semi-colons ";" or curly-braces "{}" anywhere. This makes it less messy and easy to use.
- Large Collection of Libraries: Python has a huge collection of libraries such as Numpy, Matlplotlib, Pandas etc., which provides methods and services for various purposes. Hence, it is suitable for web scraping and for further manipulation of extracted data.
- Dynamically typed: In Python, you don't have to define datatypes for variables, you can directly use the variables wherever required. This saves time and makes your job faster.
- Easily Understandable Syntax: Python syntax is easily understandable mainly because reading a Python code is very similar to reading a statement in English. It is expressive and easily readable, and the indentation used in Python also helps the user to differentiate between different scope/blocks in the code.
- Small code, large task: Web scraping is used to save time. But what's the use if you spend more time writing the code? Well, you don't have to. In Python, you can write small codes to do large tasks. Hence, you save time even while writing the code.
- Community: What if you get stuck while writing the code? You don't have to worry. Python community has one of the biggest and most active communities, where you can seek help from.

When you run the code for web scraping, a request is sent to the URL that you have mentioned. As a response to the request, the server sends the data and allows you to read the HTML or XML page. The code then, parses the HTML or XML page, finds the data and extracts it.

To extract data using web scraping with python, you need to follow these basic steps:

1. Find the URL that you want to scrape
2. Inspecting the Page
3. Find the data you want to extract
4. Write the code
5. Run the code and extract the data

As we know, Python is used for various applications and there are different libraries for different purposes. In our further demonstration, we will be using the following libraries:

- Selenium: Selenium is a web testing library. It is used to automate browser activities.
- BeautifulSoup: Beautiful Soup is a Python package for parsing HTML and XML documents. It creates parse trees that is helpful to extract the data easily.
- Pandas: Pandas is a library used for data manipulation and analysis. It is used to extract the data and store it in the desired format.