

# DAILY ASSESSMENT REPORT

Date:	08/06/2020	Name:	Abhishek M Shastry K
Subject:	Management and Leadership - Modern Leaders Training	USN:	4AL17EC002
Topic:	1] Introduction 2] What is a Leader? 3] Leadership Styles 4] The Importance of Context	Semester & Section:	6 <sup>th</sup> 'A'
Github Repository:	AbhishekShastry-Courses		

## FORENOON SESSION DETAILS

### Image of session

The screenshot displays a Udeemy video player interface. The main video area shows a man with dreadlocks speaking. The course title is 'Management and Leadership - Modern Leaders Training'. The course content sidebar on the right lists the following topics:

- 8. The Importance of Context: Definition (2min)
- 9. Leaders in Career, Family and Community (5min)
- 10. Leaders Triangle (2min)
- Quiz 3: Leaders Triangle: Test Your Knowledge
- 11. Context on Repeat (4min)

Below the video player, there are tabs for 'Overview', 'Bookmarks', and 'Announcements'. The 'About this course' section states: 'Tools and practical skills for the modern leader'. The Windows taskbar at the bottom shows the time as 19:15 on 08-06-2020.

The screenshot shows a PDF document titled 'original (8).pdf' in Adobe Acrobat Reader DC. The document content includes:

- Leader Context**  
The trio of Career, Family and Community: Leader's Triangle
- A diagram of a human head profile with three interlocking gears labeled 'Career', 'Family', and 'Community'.
- Two small images: one of a person working on a project and another of a group of people.

The Windows taskbar at the bottom shows the time as 19:57 on 08-06-2020.

## Report

### What is a Leader?

- Textbook definition of a leader is **a person who leads or commands a group, organization, or country.**
- In simple words, a leader can be defined as **someone with the ability to inspire or motivate others to achieve a goal.**

### Leader versus Manager?

- a manager tells you what to do.
- a leader teaches why and how you do it.
- a manager holds you accountable.
- a leader builds confidence, creating self-accountability.
- a manager depends on role title or formal authority to lead.
- a leader leads independently of their role title or authority.
- a manager is focused on what's right now.
- a leader is focused on what's right.
- a manager is guided by fear and reaction.
- a leader is guided by passion and purpose.
- a manager gets joy from their own success.
- a leader gets joy from the success of others.

### Leadership Styles

- **Autocratic Leader**
  - ✓ Also known as an authoritarian leader. The autocratic leader usually has most of the power, authority, and responsibility in a situation or in an organization. Decision-making by the team or group is rare or limited; instead, the team members are tasked with implementing the leader's decisions and choices.
- **Charismatic Leader**
  - ✓ The charismatic leader can readily transform attitudes and beliefs in others. This leader has the power to influence and inspire people, and the goals of the organization generally reflect that vision.

- **Transformational Leader**

- ✓ Like the charismatic leader, the transformational leader also inspires others. However, this leader specializes in initiating and delivering change. This leader also motivates employees to perform.

- **Laissez-faire Leader**

- ✓ With the Laissez-faire leader, the team has a high degree of autonomy. The leader maintains a hands-off approach to leading, but provides the needed tools to allow them to make day-to-day decisions. The name is a French term describing the economic system that opposes government interference in economic matters.

- **Transactional Leader**

- ✓ The transactional leader style stems from the notion that employment and specific tasks or projects are a transaction. When the team accepts a job, they agree to “obey” the leader and complete the tasks and duties as assigned. The team is appropriately compensated in exchange for their efforts. Workers may be rewarded or punished based on their performance.

- **Supportive Leader**

- ✓ The Supportive leader delegates and assigns tasks to the team, but also provides employees with the support, coaching and skills needed to complete the task. The team maintains autonomy, but the supportive leader will step in and work through issues and problems with the employee as they arise.

- **Democratic Leader**

- ✓ Also known as a participative leader, the democratic leader encourages team members to participate in most or all decision-making processes. The Democratic leader emphasizes equality and encourages discussion and a flow of ideas.

### **Leader Context**

- Context - the circumstances that form the setting for an event, statement, or idea, and in terms of which it can be fully understood.
- The trio of Career, Family and Community: Leader’s Triangle.

Date:	08/06/2020	Name:	Abhishek M Shastry K
Course:	The Python Mega Course: Build 10 Real World Applications	USN:	4AL17EC002
Topic:	1] Application 11: Building a Mobile App with Python	Semester & Section:	6 <sup>th</sup> 'A'
Github Repository:	AbhishekShastry-Courses		

## AFTERNOON SESSION DETAILS

### Image of session

The screenshot shows the Udemy course page for 'The Python Mega Course: Build 10 Real World Applications'. The main content area displays a message titled 'End of the Course' from the instructor, congratulating students on completing the course. The message states: 'Ladies and gentlemen, congratulations on completing the course! I wanted to tell you that this is a huge achievement that not everyone has the willpower to do. I can see that from the course statistics. I am sure this is a huge step to kickstarting your programming career. I am very happy you were my student and followed everything I had to teach you throughout this long course which I have created with a lot of commitment and passion.' The course content sidebar on the right shows the progress of the course, with 11/11 lectures completed in 2hr 47min. The sidebar lists sections: Section 32: Application 10: Project Exercise on Building a Geocoder W... (4/4 | 30min), Section 33: Legacy Exercises (20/20 | 0min), and Section 34: Offers for my Other Python Courses (1/1 | 1min). The bottom of the page shows the Windows taskbar with various application icons and system information.

The screenshot shows the Visual Studio Code editor with the main.py file open. The code is for a mobile application using Kivy. It includes a class ImageButton, a class RootWidget, and a class MainApp. The MainApp class has a build method that returns the RootWidget. The code also includes a function get\_quote that reads from a file and returns a random quote. The preview window on the right shows the 'User Login' screen with fields for Username and Password, a Login button, and links for 'Forgot Password?' and 'Sign Up'.

## Report

### Application 11: Building a Mobile App with Python

- Python code to create an application with the interface which supports desktop/mobile device using **kivy library**.
- **Kivy** - Open source Python library for rapid development of applications that make use of innovative user interfaces, such as multi-touch apps.
- Some of the characteristics of **kivy** library:
- Cross platform
  - ✓ Kivy runs on Linux, Windows, OS X, Android, iOS, and Raspberry Pi. You can run the same code on all supported platforms.
  - ✓ It can natively use most inputs, protocols and devices including WM\_Touch, WM\_Pen, Mac OS X Trackpad and Magic Mouse, Mtdev, Linux Kernel HID, TUIO. A multi-touch mouse simulator is included.
- Business Friendly
  - ✓ Kivy is 100% free to use, under an MIT license (starting from 1.7.2) and LGPL 3 for the previous versions. The toolkit is professionally developed, backed and used. You can use it in a commercial product.
  - ✓ The framework is stable and has a well-documented API, plus a programming guide to help you get started.
- GPU Accelerated
  - ✓ The graphics engine is built over OpenGL ES 2, using a modern and fast graphics pipeline.
  - ✓ The toolkit comes with more than 20 widgets, all highly extensible. Many parts are written in C using Cython, and tested with regression tests.
- For developers looking to build Android apps, Ubuntu is the ideal platform in conjunction with Android Studio - the official Android development environment. Ubuntu features a wide variety of software development tools including numerous programming language compilers, integrated development environments (IDEs) and toolchains to enable developers to target multiple hardware platforms.

## Certificate - The Python Mega Course: Build 10 Real World Applications

