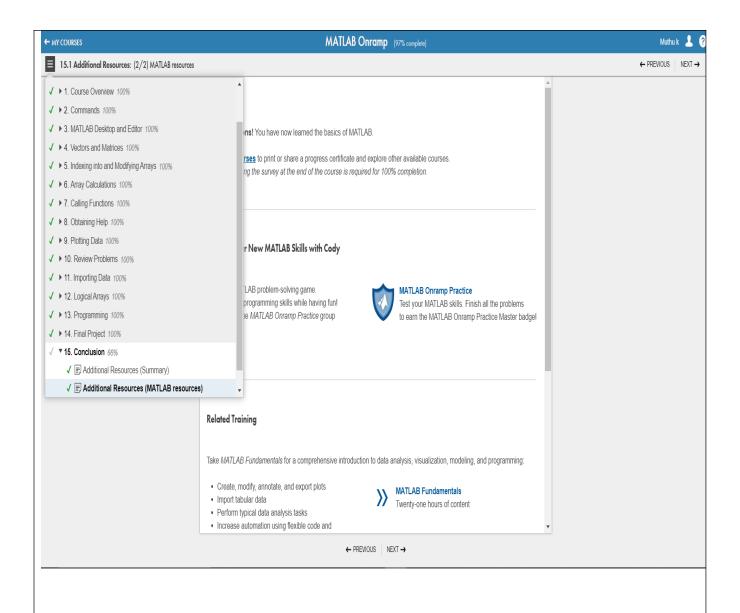
DAILY ASSESSMENT FORMAT

| Date: | 10-07-2020 | Name: | Abhishek |
|-----------------------|--|------------------------|------------|
| Course: | MATLAB Onramp | USN: | 4al17ec001 |
| Topic: | ProgrammingFinal ProjectConclusion | Semester & Section: | 6 & 'A' |
| Github Repository: | Abhishek-online-courses | | |

| | FORENOON SESSION DETAILS |
|------------------|--------------------------|
| Image of session | |
| | |
| | |
| | |



Report -

Programming

- Within any program, you can define sections of code that either repeat in a loop or conditionally execute.
- Loops use a for or while keyword, and conditional statements use if or switch.
- Additional keywords provide finer control over the program flow.

• Syntax:

| if, elseif, else | Execute statements if condition is true |
|-------------------------|--|
| switch, case, otherwise | Execute one of several groups of statements |
| for | for loop to repeat specified number of times |
| while | while loop to repeat when condition is true |
| try, catch | Execute statements and catch resulting errors |
| break | Terminate execution of for or while loop |
| return | Return control to invoking script or function |
| continue | Pass control to next iteration of for or while loop |
| pause | Stop MATLAB execution temporarily |
| parfor | Parallel for loop |
| end | Terminate block of code or indicate last array index |
| enu | reminate block of code of indicate last array index |

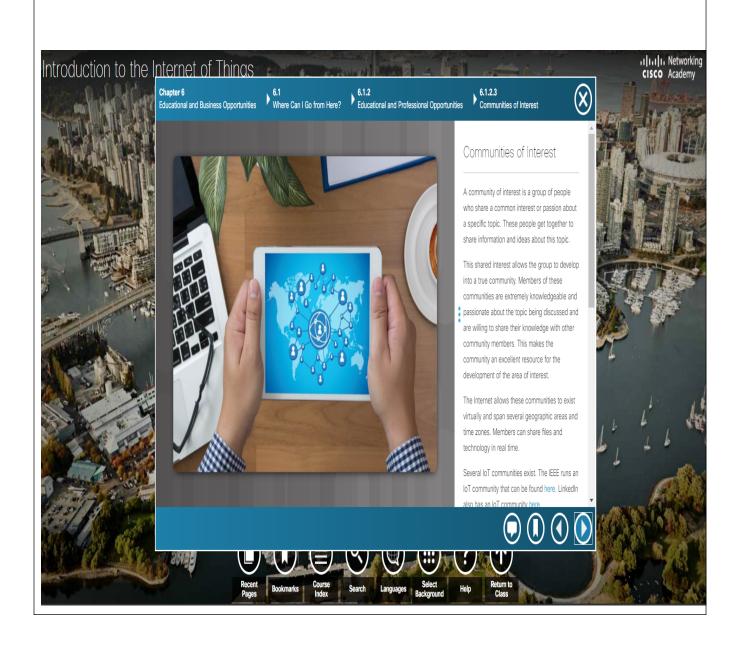
• Example:

| Example | Description |
|---|--|
| <pre>if x > 0.5 y = 3 else y = 4 end</pre> | If x is greater than 0.5, set the value of y to 3. Otherwise, set the value of y to 4. |
| <pre>for c = 1:3 disp(c) end</pre> | The loop counter (c) progresses through the values 1:3 (1, 2, and 3). The loop body displays each value of c. |

| Date: | 10-07-2020 | Name: | Abhishek |
|---------|---------------------|------------|------------|
| Course: | Introduction to IOT | USN: | 4al17ec001 |
| Topic: | Chapter 6 | Semester | 6 & 'A' |
| | | & Section: | |

AFTERNOON SESSION DETAILS

Image of session



Report -

Challenges in the Digitized World

- The IoT provides many benefits but at the same time it presents many challenges.
- Since the IoT is a transformational technology, we are now faced with an ever expanding collection of new technology that we must master.
- The IoT is changing every aspect of our lives.
- The IoT is changing the job market.
- Traditional jobs are being replaced with jobs that are designed to embrace this new world and all it offers.
- These jobs reflect skills spanning multiple disciplines that include computer science, computer engineering and software engineering in the following areas:
 - ✓ Artificial Intelligence
 - ✓ Application Development
 - ✓ IoT Program Developer
 - ✓ IoT Security Specialist
 - ✓ Collaboration
 - ✓ Enterprise Networks
 - ✓ Data Center and Virtualization

Cisco Networking Academy

- The rapid growth of networks has created a global shortage of people who are qualified to implement and maintain networking solutions, especially in places where networks are being built to promote economic development.
- At the same time, people need access to better training and career opportunities to successfully compete in the global economy.
- The Cisco Networking Academy Program has trained more than five million students to date.
- Many graduates have gone on to successful IT careers in a variety of industries, while
 others have harnessed the entrepreneurial spirit and knowledge they acquired to start

| their own businesses and create new jobs. | |
|---|--|
| · | |
| | |
| | |
| | |
| | |
| ndustry Certifications | |

- Industry certifications are highly respected by employers around the world and help validate the skills needed to launch successful careers in networking and IT.
- Certifications are achieved by passing an exam proctored by a certifying authority.
- Students must complete training materials specific to the certification exam.
- Field experience is often very helpful, but not always required, to pass a certification exam.
- Cisco Networking Academy provides courses that prepare students for the industry certifications.