

## DAILY ASSESSMENT FORMAT

<b>Date:</b>	<b>06-07-2020</b>	<b>Name:</b>	<b>BINDUSHRI</b>
<b>Course:</b>	<b>matlab</b>	<b>USN:</b>	<b>4AL17EC011</b>
<b>Topic:</b>	<b>Sec1-sec5</b>		<b>6<sup>th</sup> A</b>
<b>Github Repository:</b>	<b>Bindushri</b>		

## FORENOON SESSION DETAILS

### 2.1 Entering Commands

**Task 1**

You can execute commands by entering them in the command window after the MATLAB prompt (`>>`) and pressing the **Enter** key.

**TASK**

Multiply the numbers 3 and 5 together with the command `3*5`.

[Hint](#) [See Solution](#)

Task 2

Task 3

Task 4

Task 5

Task 6

Task 7

Further Practice

HOME

```

Task 1 ✖
>>
Task 1 ✔
>> 3*5

ans =

    15

Correct!
[Space] Continue | [Esc] Try an alternative solution

```

WORKSPACE

Name	Value
ans	15

matlabacademy.mathworks.com/R2020a/portal.html?course=gettingstarted#chapter=3&lesson=2&section=1

MY COURSES

**MATLAB Onramp** (20% complete)

Bindu Shri

3.2 The MATLAB Editor

**Task 1**

**Task 2**

**TASK**

Add the command `x = pi*r^2` to the script.

[Hint](#) [See Solution](#) [Reset](#) [Submit](#) [Next task](#)

**Test Results: Correct!**

✓ Does `x` exist?

✓ Does `x` have the correct value?

Further Practice

HOME LIVE EDITOR VIEW

Text B I U M Code Task Control Refactor Run Section Run and Advance Run Step Stop

createscript.mix \* x

```

1 r=3
2 x=pi*r^2
3

```

r = 3

x = 28.2743

WORKSPACE

← MY COURSES

MATLAB Onramp

26% complete

Bindu Shri

4.1 Manually Entering Arrays

← PREVIOUSNEXT →

Task 1

Task 2

Task 3

Task 4

Task 5

Task 6

Task 7

Further Practice

Arrays are used throughout MATLAB. In fact, MATLAB is an abbreviation for MATrix LABoratory. You'll find that most MATLAB functionality can work on multiple values at once.

There is some flexibility when you create arrays. For example, these are all valid ways to create the same array:

x = [ 7 9]

x = [7,9]

x = [7, 9]

Try experimenting with whitespace, commas, and semicolons when creating this matrix:

718

458

1042

Next section >

HOME

LIVE EDITOR

VIEW

Text

Code

Section Break

Run

Task

Control

Refactor

Run Section

Run and Advance

Run to End

Run

Step

Stop

vectors.mlx

Task 4

Task 5

Task 6

Task 7

Further Practice

x=[3,10,5]

x=[8;2;-4]

x=[5 6 7;8 9 10]

x=[sqrt(10) |i^2]

x = 4

x = 1×2

79

x = 2×1

79

x = 1×3

3105

x = 3×1

82-4

x = 2×3


5678910

x = 1×2

3.16239.8696

WORKSPACE

COMMAND WINDOW



1	2	3	4	5	6	7	8	9	10
2	3	1	-9	0	5	-3	7	-1	-8

$\mathbf{x}(3) = 1$

### Further Practice

[Next section >](#)

 $x = 9.0698$

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## Matlab

Command window → can write anything in the command window and execute.

⇒  $z = 3 + 5$

15

Command window is one way to try something and get result faster.

workspace

$z = 3$

$x = 19 * 212$

Command window.

$y = 3$

$x = 0.8 * 2143$

What is Array?

All Matlab variables are arrays. This means that each variable can contain multiple elements in an array to store related data in one variable.

## ARRAY

column vector

2
3
6
-9

Matrix

2	3
6	-9

row vector

2	3	6	-9
---	---	---	----

Scalar

2
---

Matrix index →  $x(\text{row}, \text{col})$

## Course:cisco networking academy-training and event

### Topic:IOT

static-course-assets.s3.amazonaws.com/i2loT20/en/index.html#0.0.1.3


# Introduction to the Internet of Things

Chapter 0  
Course Introduction

0.0 Welcome to I2IoT

0.0.1 Message to the Student

0.0.1.3 More Than Just Information



More Than Just Information

The netacad.com learning environment is an important part of the overall course experience for students and instructors in the Networking Academy. These online course materials include course text and related interactive media, paper-based labs, and many different types of quizzes. All of these materials provide important feedback to help you assess your progress throughout the course.

The material in this course encompasses a broad range of technologies that facilitate how people work, live, play, and learn by communicating with voice, video, and other data. Networking and the Internet affect people differently in different parts of the world. Although we have worked with instructors from around the world to create these materials, it is important that you work with your instructor and fellow students to make the material in this course applicable to your local situation.

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## IoT of Things

IoT describes a growing industry of digital technology being harnessed to the Internet in ways that will improve the lives of every person on this planet.

### Chapter-1

#### The Evolution of Digital Transformation:

A growing number of people are connected to the Internet in one way or other.

Digital transformation is the application of digital technology to provide the stage for business and industry to innovate.

