

Daily Assessment format

Date: 07/07/2020

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Course: MATLAB

Ucn: 4ALITEC037

Topic: Indexing into & modifying
Arrays, Array calculations

GitHub
Repository: jyoti-courses

Report

For long vectors, entering individual numbers is not practical an alternative, shorthand method for creating evenly-spaced vectors is to use the : operator & specify only the start & end points $y = 5:8$

$y =$
5 6 7 8

note that square brackets are not needed when you use the colon operator

The size function can be applied to an array to produce a single output variable containing the array size
 $s = \text{size}(x)$

if you only need the second output from a function you can use a tilde(~) to ignore specific outputs.

for ex: you might only want the index containing the maximum value in a vector.

$\text{density} = \text{data}(:, 2)$

$(n, \text{ivmax}) = \text{max}(v_2)$ $\text{density_max} = \text{density}(\text{ivmax})$

Try getting the index value of the minimum value v_2 , use this index to extract from density

the MATLAB documentation contains ex: & information that can help you when working on your own problems.

two vectors of the same length can be plotted against each other using the plot function.

plot(x,y)

Date: 07 Jul 2020

Course: Cisco

Topic: Introduction to IOT

GitHub Repository: jyoti-courses

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Report

This introduction to internet of things 2.0 course is designed for people wishing to explore the internet of things & the impact it has on our everyday lives. It is not the intention of this course to teach about the IOT in depth but to provide a general understanding of the IOT & how it allows for digitization of daily tasks.

To learn more, we encourage you to enroll in additional Cisco networking & IT related courses at your institution. Other IOT courses you may be interested in include: connecting things, Big data & Analytics, & IOT security. You may also be interested in CCNA & Cybersecurity courses provided by the Cisco Networking Academy.

The Cisco Networking Academy Facebook site is where you can meet & engage with other Networking Academy students from around the world. You may be able to receive peer to peer support if you have questions about the curriculum.

All quizzes & assessments can be accessed through the modules section of the course.

click the next button to go to the resource & support page

The evaluation of digital transformation tell the truth... how many of you could actually make it through a day without your smartphone?

In our world today, there are more smart devices than there are people. A growing no of people are connected to the internet, in one way or another, 24 hours a day. An ever-increasing no of people have & rely on, three, four or more smart devices.

How is it possible for so many devices to be connected?

Modern digital networks make all of this possible. the world is quickly being covered with networks that allow digital devices to interconnect & transmit.