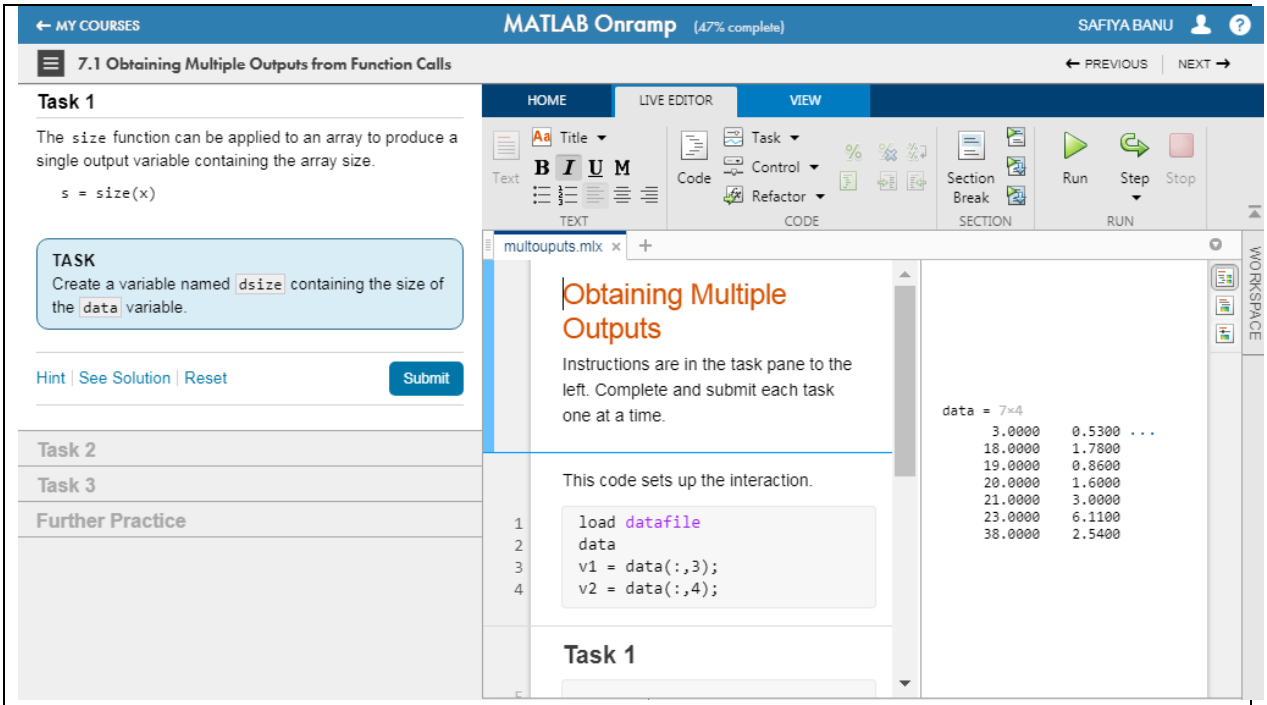
Date:	**8 July 2020**	**Name:**	**Safiya Banu**
Course:	**MATLAB Onramp**	**USN:**	**4AL16EC061**
Topic:	**Calling function** **Obtaining help** **Plotting data**	**Semester & Section:**	**8th sem "B"section**
Github Repository:	**Safiya-Courses**		



Obtaining multiple outputs from functions calls

The `size` function can be applied to an array to produce a single output variable containing the array size.

```
s = size(x)
```

The `size` function can be applied to a matrix to produce either a single output variable or two output variables. Use square brackets ([ ]) to obtain more than one output.

```
[xrow,xcol] = size(x)
```

The maximum value of a vector and its corresponding index value can be determined using the `max` function. The first output from the `max` function is the maximum value of the input vector. When

called with two outputs, the second output is the index value.

```
[xMax,idx] = max(x)
```

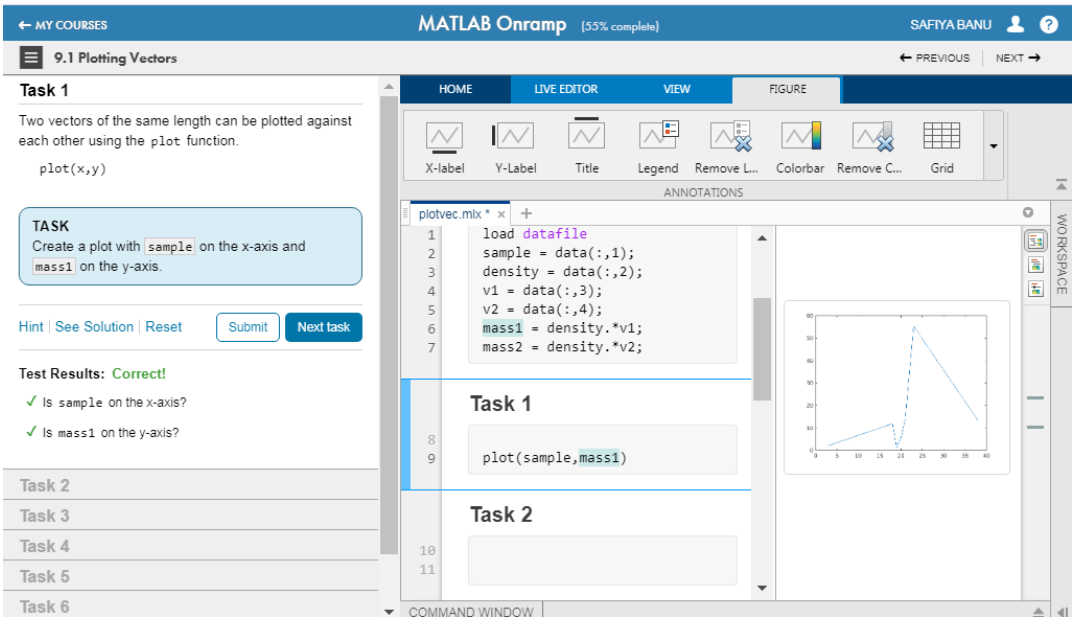
Obtaining help

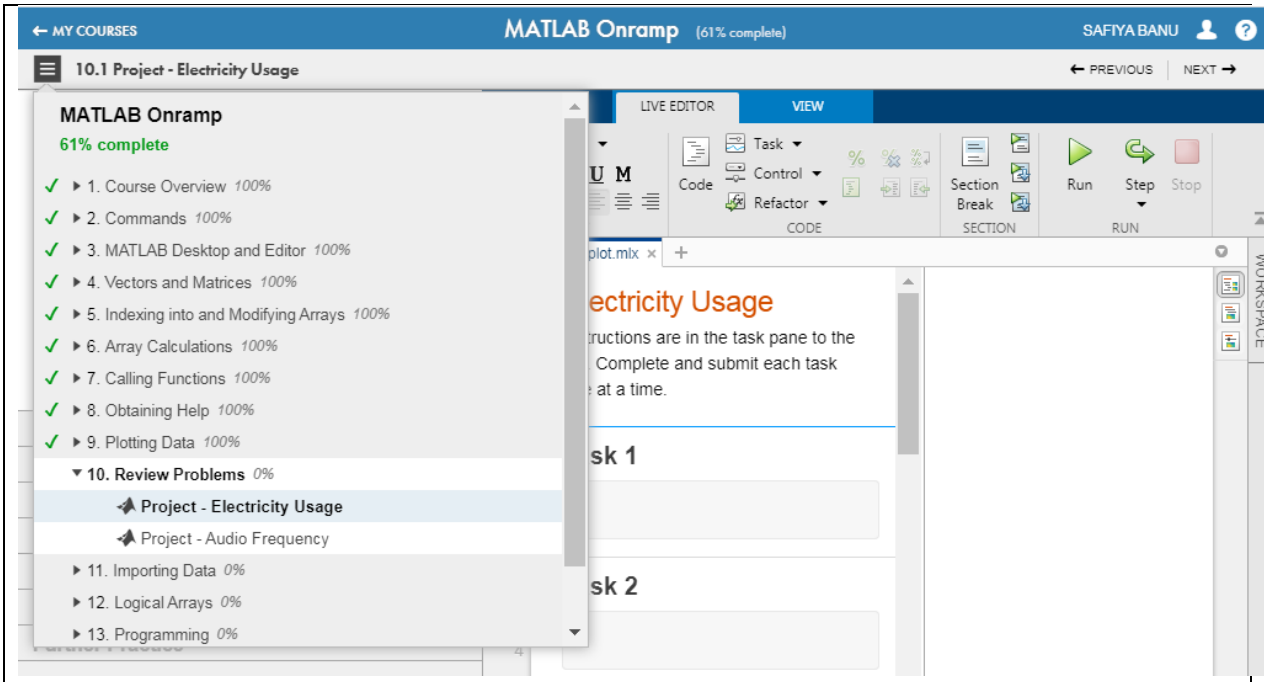
The MATLAB documentation contains examples and information that can help you when working on your own problems.

Plotting data

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

```
plot(x,y)
```

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