



HKUSTx: ELEC1200.3x A System View of Communications: From Signals to Packets (Part 3)

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how do you display the routing table? (RT)

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discussion posted about 13 hours ago by [KarenWest](#)

I've just started lab 2, and wanted to peek at the routing table. How do you display it? When I tried:

```
disp(RT(pcount));
```

It said "6x2 double".

When I tried adding a column, I got syntax errors, such as:

```
disp(RT(pcount,1));  
disp(RT(pcount, 2));
```

Incorrect syntax! I did that when I saw the first error message, "6x2 double matrix".

Thanks!

Related to: [Topic 4: Routing / 4.5a Lab 2: Network Layer](#)

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KarenWest

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about 12 hours ago



I tried this and it gave:

```
% load the routing table
load RT.mat
whos('-file', 'RT.mat')
```

gave output: (still not enough detail)

Name	Size	Bytes	Class
Attributes			
RT	6x1	1248	cell
costs	6x1	832	cell
neighbors	6x1	832	cell

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KarenWest

0 Votes



about an hour ago

William Chan

Lab grading

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LAB 1 - TASK 3 (EXTERNAL RESOURCE) Help

4

I was a bit shocked to wake this morning to find that no one had responded to my question! Wow. Can anyone help with my MATLAB syntax question, so that I can proceed to answer the conceptual question about routing and forwarding in Lab 2? I appreciate any help, given I've done quite a bit of web searching and trials of this on my end.

```
load RT.mat
S = whos('-file', 'RT.mat');
for k = 1:length(S)
    disp(S(k));
end
for k = 1:length(S)
    disp(S(k).name);
    disp(S(k).size);
end
```

Output:

```
name: 'RT'  
size: [6 1]  
bytes: 1248  
class: 'cell'  
global: 0  
sparse: 0  
complex: 0  
nesting: [1x1 struct]  
persistent: 0
```

```
name: 'costs'  
size: [6 1]  
bytes: 832  
class: 'cell'  
global: 0  
sparse: 0  
complex: 0  
nesting: [1x1 struct]  
persistent: 0
```

```
name: 'neighbors'  
size: [6 1]  
bytes: 832  
class: 'cell'  
global: 0  
sparse: 0  
complex: 0  
nesting: [1x1 struct]  
persistent: 0
```

RT

6 1

costs

6 1

neighbors

6 1

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PREVIEW



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