

Lab 3 Assessment

Due 9 Oct at 6:00	Points 4	Questions 4
Available 4 Oct at 6:00 - 9 Oct at 6:00	Time limit None	Allowed attempts 2

This quiz was locked 9 Oct at 6:00.

Attempt history

	Attempt	Time	Score
KEPT	Attempt 2	1 minute	3 out of 4
LATEST	Attempt 2	1 minute	3 out of 4
	Attempt 1	6 minutes	3 out of 4

Score for this attempt: 3 out of 4
Submitted 7 Oct at 0:48
This attempt took 1 minute.

Question 1

0 / 1 pts

How would you plot the function $\cos(x)$ on the interval $[0, 4\pi]$ with a step size of $\pi/200$ using a red, dashed line?

>> x = cos(x);

>> y = 0:pi/200:4*pi;

☐ >> plot(x,y,'r','--')

Correct answer

>> x = 0:pi/200:4*pi;

>> y = cos(x);

☐ >> plot(x,y,'r--')

ou Answered

```
>> x = 0:pi/200:4*pi;
```

```
>> y = cos(x);
```

☒

```
>> plot(y,x,'r--')
```

☐ No answer text provided.

Question 2

1 / 1 pts

What will be displayed after the following if statement?

```
a = 10;
```

```
if a < 5
```

```
    disp('Hello')
```

```
elseif a > 5 & a < 15
```

```
    disp('Hi')
```

```
else
```

```
    disp('Bye')
```

```
end
```

☐ Hello

☒ Hi

☐ Bye

☐ An error message will be displayed.

Correct!

Question 3

1 / 1 pts

What is the value of x and y after the following commands?

```
x = 5;
```

```
y = 10;
```

```
while y >= 0
```

```
    x = x+2;
```

```
    y = y-1;
```

```
end
```

☐ x = 25, y = 0

☐ x = 27, y = 0

☒ x = 27, y = -1

☐ An error message will be displayed.

Correct!

Question 4

1 / 1 pts

What will be the dimension of the matrix x after the following for loop?

```
x = [2 3 5];
```

```
for ii = 1:2:22
```

```
    x = [x,ii];
```

```
end
```

☐ 1x12

☐ 1x13

☒ 1x14

Correct!

☐ 1x15

Quiz score: **3** out of 4