

Get ready:

On the whiteboard tables, please write the output of the following statements.

```
> age = 15
```

```
    age = 30 + age
```

```
    age = 71 + age
```

```
    print age
```

```
> name = 'eggs'
```

```
    print name*5
```

```
> wages = 10
```

How would I print “I make \$10 per hour.” ?

Today's lesson:

#Comments.

Because code can sometimes be hard to read, we can use the # symbol in our programs to write notes to ourselves in natural language (and others reading our code).

Today's lesson:

speed in miles per hour

speed = 100.0

miles = 50.0

percentage of an hour

percentage = **miles/speed**

minutes = **percentage** * 60

print minutes

Today's lesson:

% Modulus operator.

Works on integers and provides the remainder when one integer is divided by a second.

Today's lesson:

```
quotient = 7 / 3
```

```
print quotient
```

```
2
```

```
remainder = 7 % 3
```

```
print remainder
```

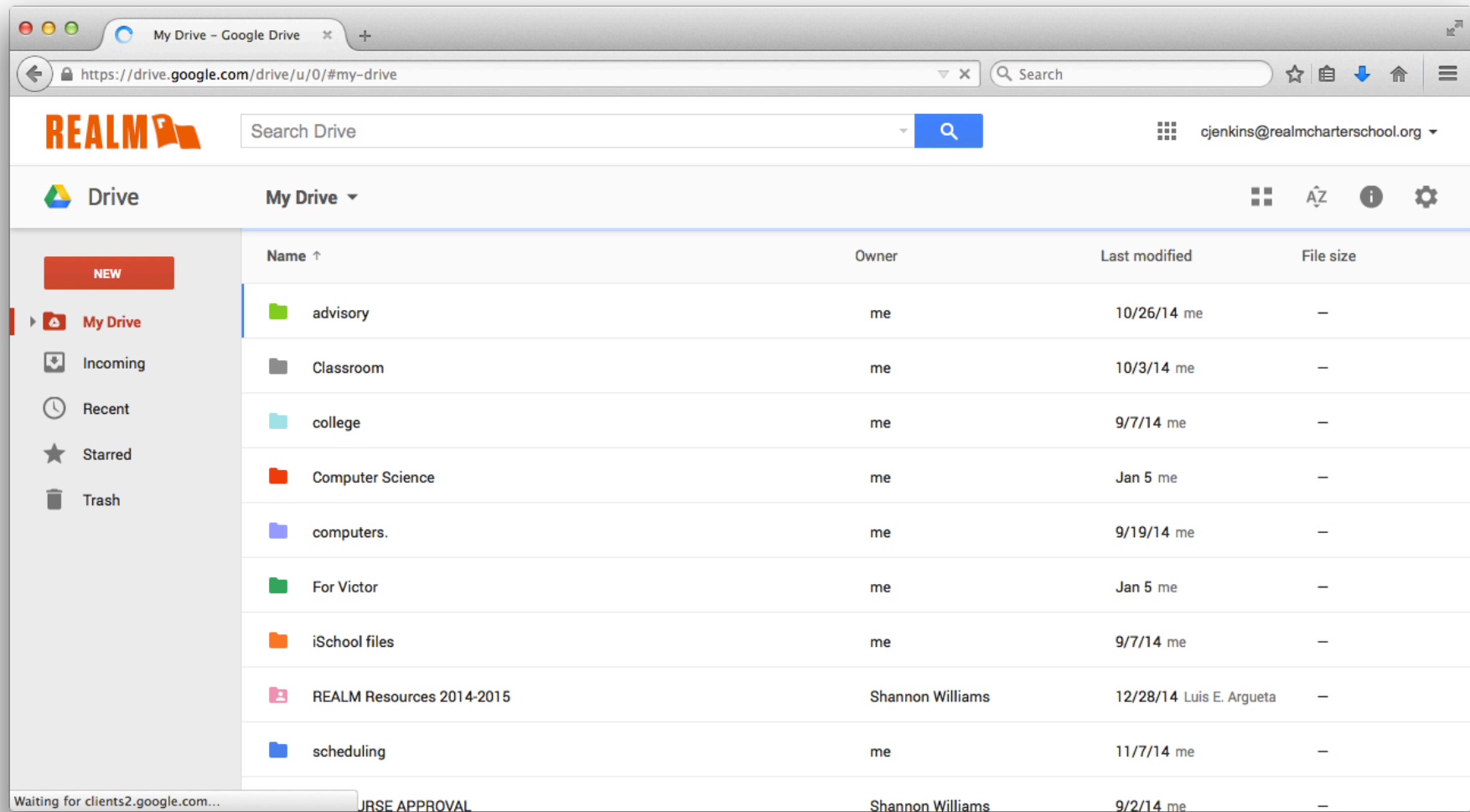
```
1
```

Today's lesson:

Share your work
with me on Google
Drive every day.

Here's how:

Today's lesson:



The screenshot shows a web browser window with the Google Drive interface. The address bar shows the URL <https://drive.google.com/drive/u/0/#my-drive>. The page header includes the REALM logo, a search bar, and the user email cjenkins@realmcharterschool.org. The left sidebar shows navigation options: NEW, My Drive, Incoming, Recent, Starred, and Trash. The main content area displays a table of files and folders in 'My Drive'.

| Name ↑ | Owner | Last modified | File size |
|---|------------------|--------------------------|-----------|
| advisory | me | 10/26/14 me | — |
| Classroom | me | 10/3/14 me | — |
| college | me | 9/7/14 me | — |
| Computer Science | me | Jan 5 me | — |
| computers. | me | 9/19/14 me | — |
| For Victor | me | Jan 5 me | — |
| iSchool files | me | 9/7/14 me | — |
| REALM Resources 2014-2015 | Shannon Williams | 12/28/14 Luis E. Argueta | — |
| scheduling | me | 11/7/14 me | — |
| Waiting for clients2.google.com... CURSE APPROVAL | Shannon Williams | 9/2/14 me | — |

Today's Lesson

Today's lesson:

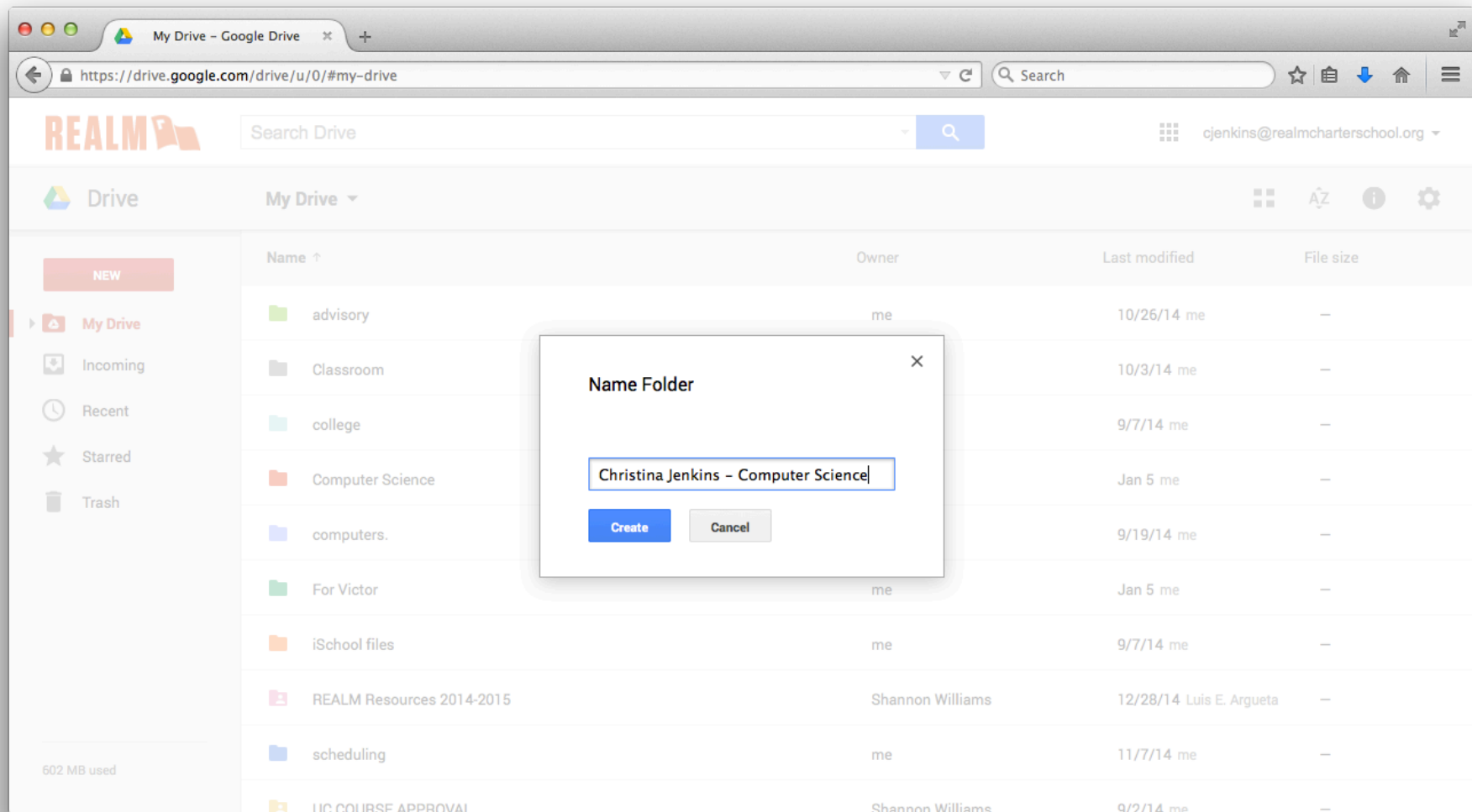
The screenshot shows a web browser window with the URL <https://drive.google.com/drive/u/0/#my-drive>. The page header includes the REALM logo, a search bar, and the user email cjenkins@realmcharterschool.org. The main content area displays a table of files and folders in 'My Drive'. A 'NEW' button in the top-left corner of the file list is open, showing options: Folder, File upload, Google Docs, Google Sheets, Google Slides, and More. The file list table has columns for Name, Owner, Last modified, and File size.

| Name | Owner | Last modified | File size |
|--------|------------------|--------------------------|-----------|
| Folder | me | 10/26/14 | — |
| Folder | me | 10/3/14 | — |
| Folder | me | 9/7/14 | — |
| Folder | me | Jan 5 | — |
| Folder | me | 9/19/14 | — |
| Folder | me | Jan 5 | — |
| Folder | me | 9/7/14 | — |
| Folder | Shannon Williams | 12/28/14 Luis E. Argueta | — |
| Folder | me | 11/7/14 | — |
| Folder | Shannon Williams | 9/2/14 | — |

602 MB used

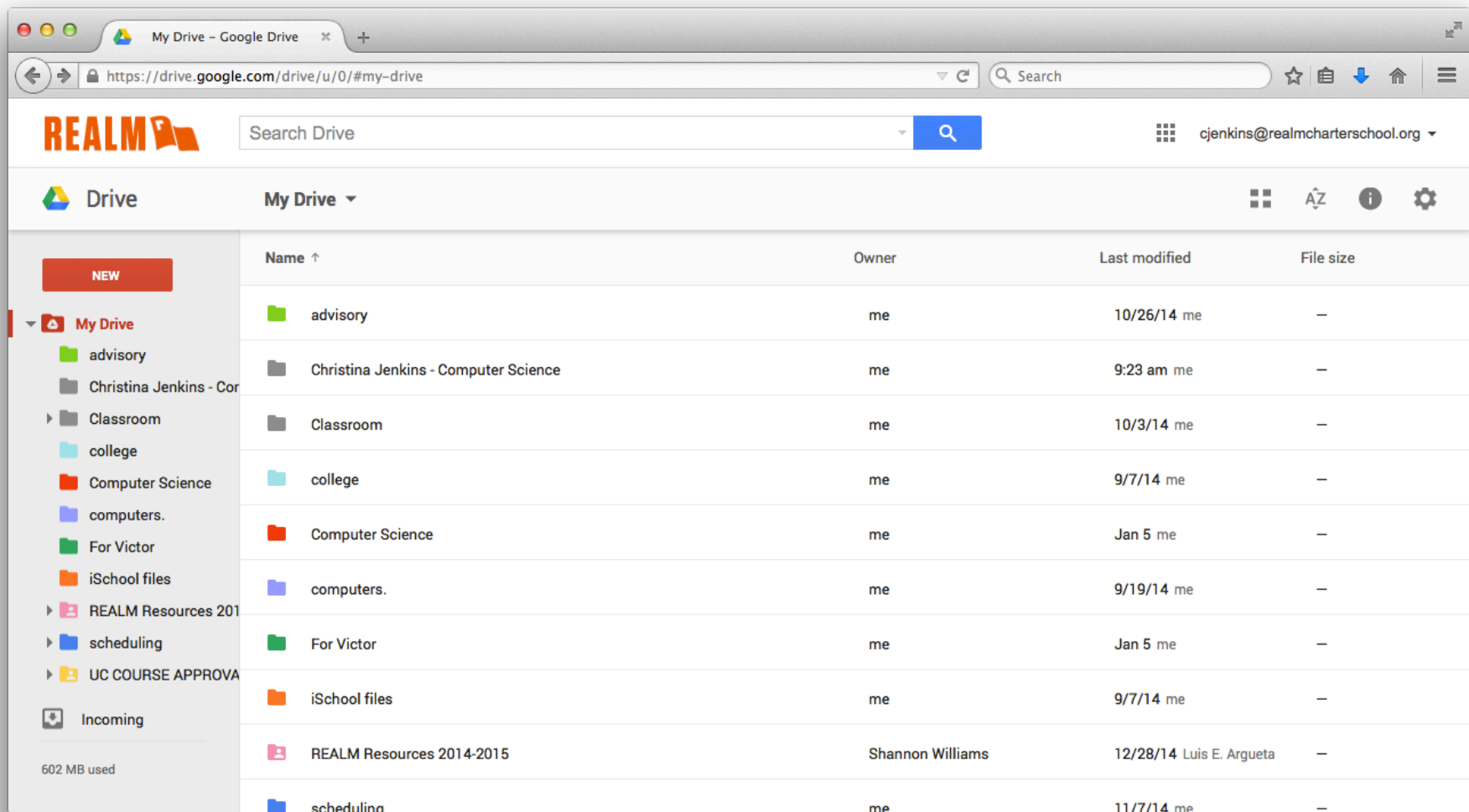
Today's Lesson

Today's lesson:



Today's Lesson

Today's lesson:

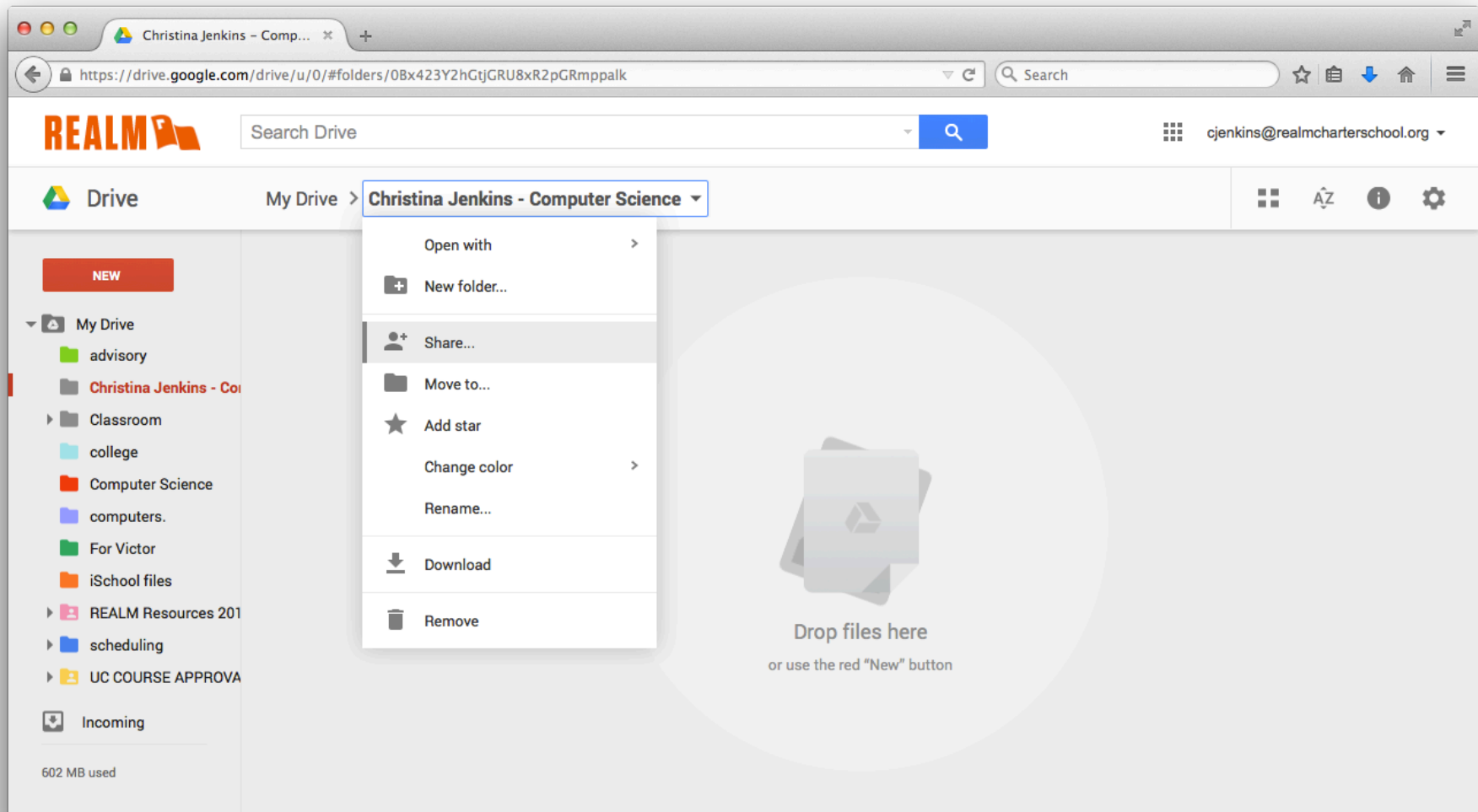


The screenshot shows a web browser window with the Google Drive interface. The address bar shows the URL <https://drive.google.com/drive/u/0/#my-drive>. The page header includes the REALM logo, a search bar, and the user email cjenkins@realmcharterschool.org. The left sidebar shows a navigation pane with a 'NEW' button and a list of folders under 'My Drive'. The main area displays a table of files and folders.

| Name ↑ | Owner | Last modified | File size |
|--------------------------------------|------------------|--------------------------|-----------|
| advisory | me | 10/26/14 me | — |
| Christina Jenkins - Computer Science | me | 9:23 am me | — |
| Classroom | me | 10/3/14 me | — |
| college | me | 9/7/14 me | — |
| Computer Science | me | Jan 5 me | — |
| computers. | me | 9/19/14 me | — |
| For Victor | me | Jan 5 me | — |
| iSchool files | me | 9/7/14 me | — |
| REALM Resources 2014-2015 | Shannon Williams | 12/28/14 Luis E. Argueta | — |
| scheduling | me | 11/7/14 me | — |

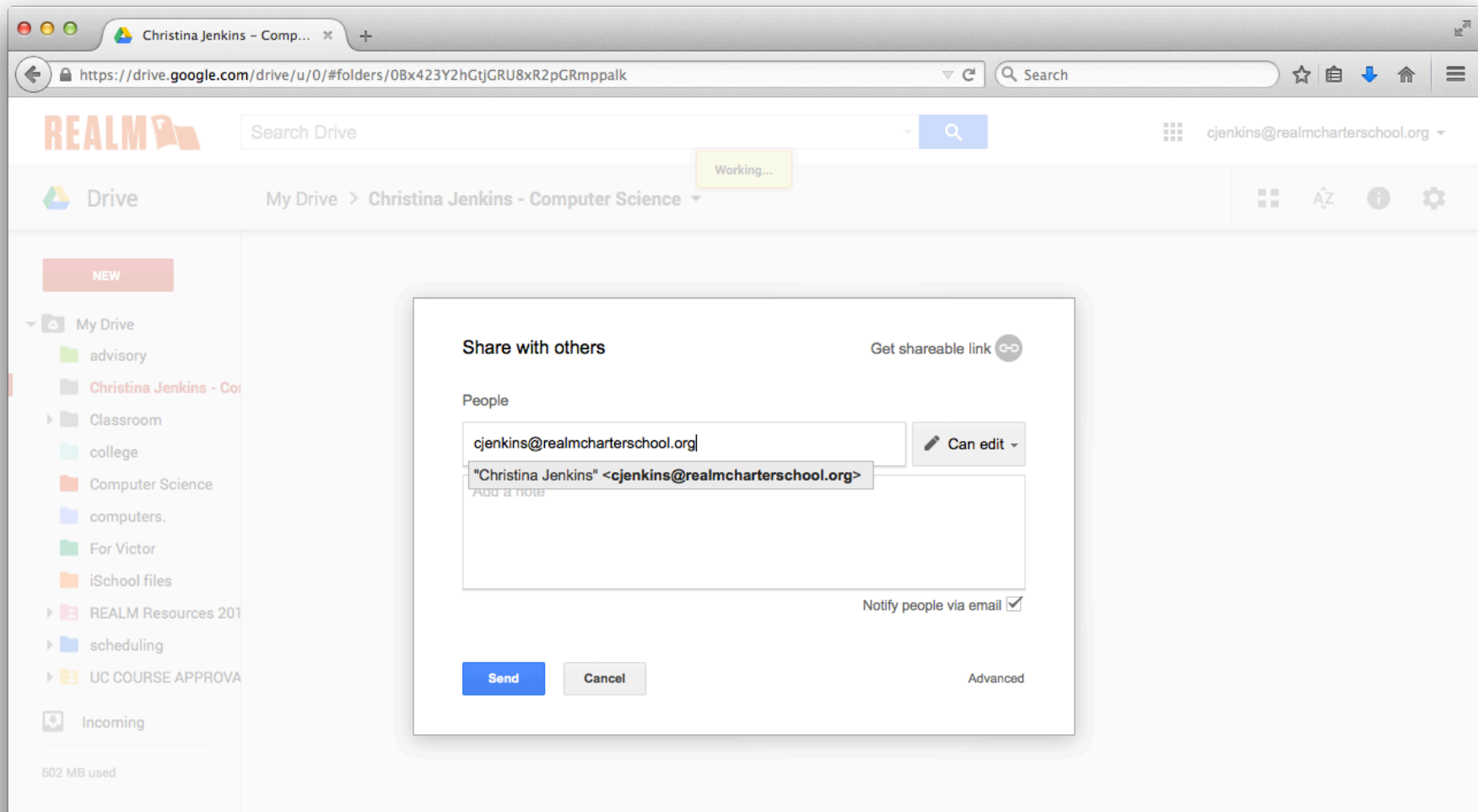
Today's Lesson

Today's lesson:



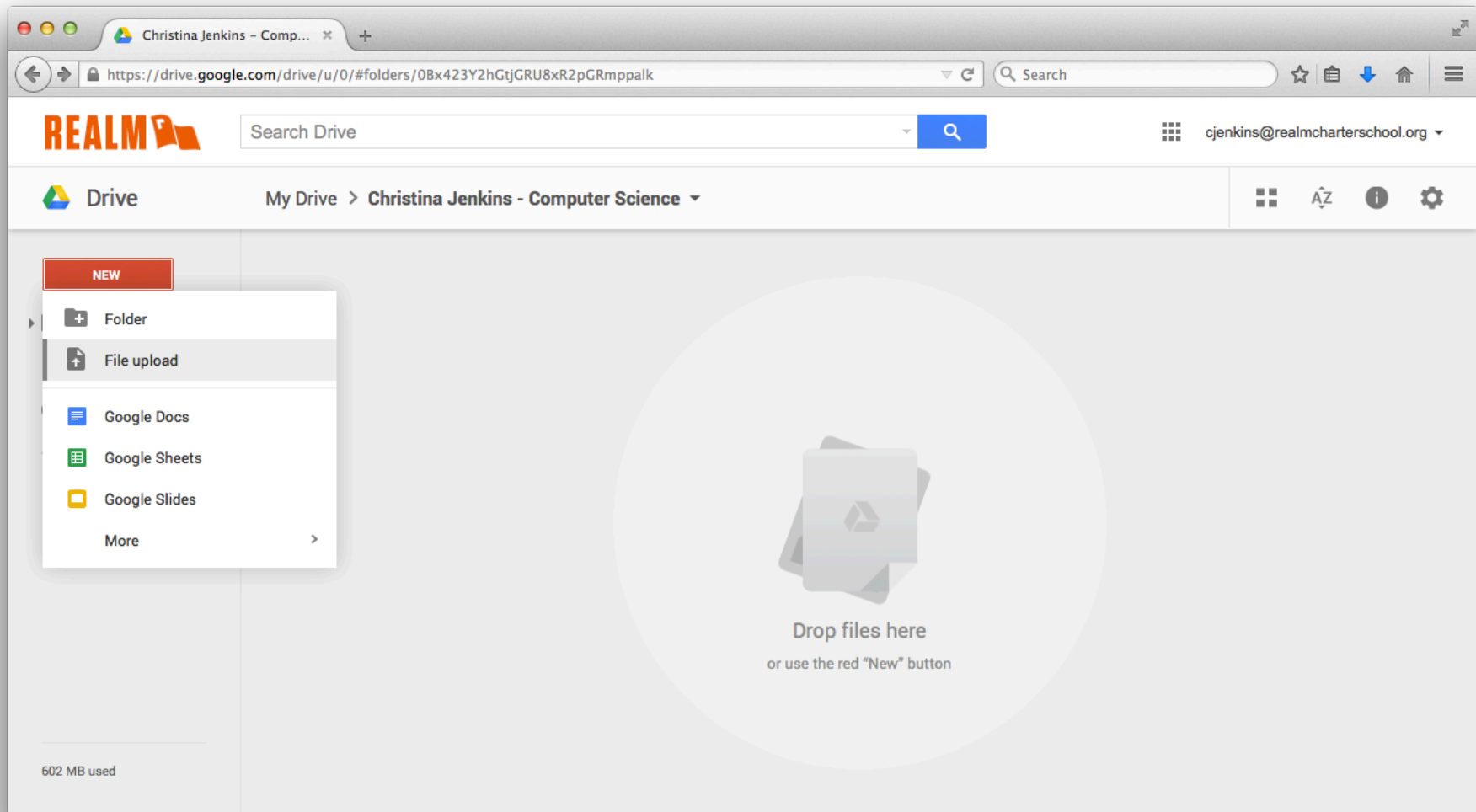
Today's Lesson

Today's lesson:



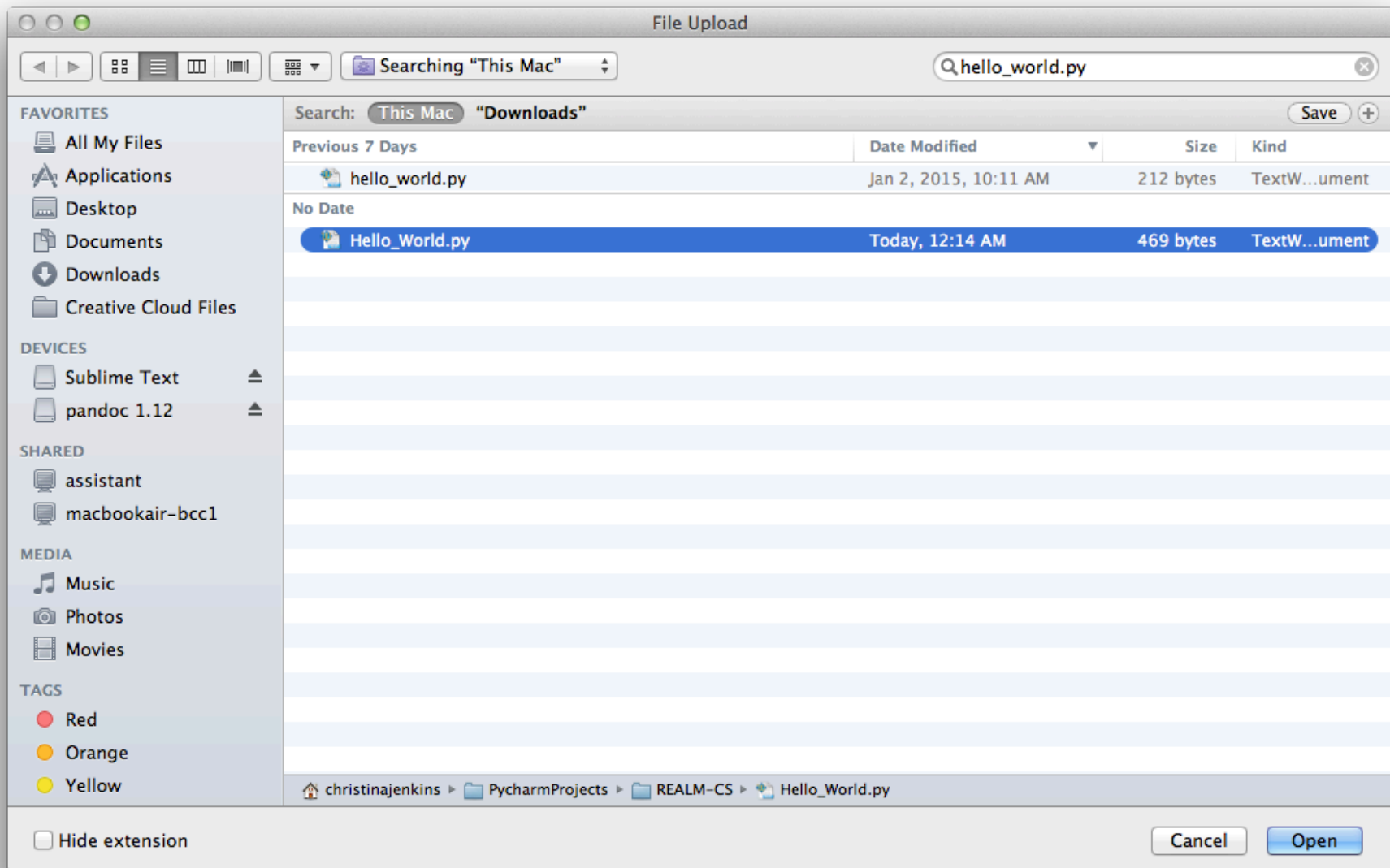
Today's Lesson

Today's lesson:



Today's Lesson

Today's lesson:



Today's Lesson

Today's lesson:

The screenshot shows a web browser window with the Google Drive interface. The address bar shows the URL `https://drive.google.com/drive/u/0/#folders/0Bx423Y2hGtjGRU8xR2pGRmppalk`. The page header includes the REALM logo, a search bar, and the user email `cjenkins@realmcharterschool.org`. A yellow notification banner states: "Hello_World.py has been uploaded to Christina Jenkins - Computer Science". The main content area displays a table of files in the "Christina Jenkins - Computer Science" folder.

| Name ↑ | Owner | Last modified | File size |
|----------------|-------|---------------|-----------|
| Hello_World.py | me | 9:26 am me | 469 bytes |

On the left sidebar, there is a "NEW" button and a list of navigation options: My Drive, Incoming, Recent, Starred, and Trash. At the bottom of the sidebar, it indicates "602 MB used".

Today's Lesson

Today's lesson:

```
Hour = int(raw_input('how much do you
```

```
Weekly = int(raw_input('how much hour
```

```
Total = hour*weekly
```

```
Print "I make" + total + "per week."
```


Your turn:

Focus on exercise 6!

6. Variables, string concatenation and calculator challenges, combined

Make your output and questions look as close to the examples as you can!

Hourly Wages

- Ask the user how much they make an hour, and how many hours they work per week.
- Print how much they will make in a week
- Print how much they will make in a month.

Sample output:

```
How much do you make an hour? 10
How many hours do you work a week? 6
You will make $60 a week.
You will make $240 a month.
```

Your turn!