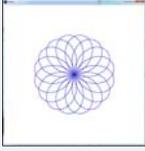
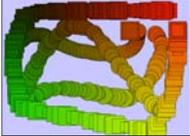
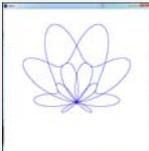


## Running Processing



**Oregon State University**  
Mike Bailey  
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running.ppt
mjb - January 4, 2019

## Running Processing

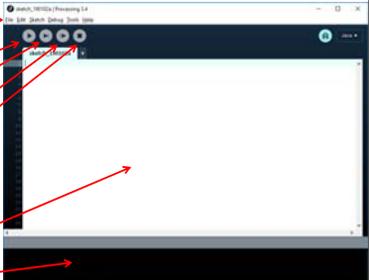
Within that folder, click on an icon that looks something like this





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## Running Processing



Menu headers

Run the program  
Step through this program

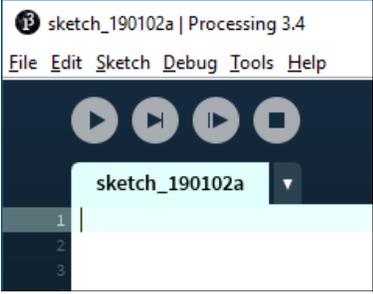
Continue this program  
Stop this program

Program-writing/editing area

Processing message area

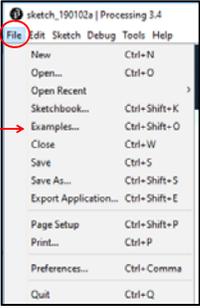
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## Running Processing



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## The File Menu



Processing comes with many great example programs. Check 'em out!

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## The File → Preferences Menu



These are good defaults.

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### The Edit Menu

sketch\_190102a | Processing 3.4

- File
- Edit**
- Sketch
- Debug
- Tools
- Help

|                        |                    |
|------------------------|--------------------|
| Undo                   | Ctrl+Z             |
| Redo                   | Ctrl+Y             |
| Cut                    | Ctrl+X             |
| Copy                   | Ctrl+C             |
| Copy as HTML           | Ctrl+Shift+C       |
| Paste                  | Ctrl+V             |
| Select All             | Ctrl+A             |
| Auto Format            | Ctrl+T             |
| Comment/Uncomment      | Ctrl+Slash         |
| -- Increase Indent     | Ctrl+Close Bracket |
| -- Decrease Indent     | Ctrl+Open Bracket  |
| Find...                | Ctrl+F             |
| Find Next              | Ctrl+G             |
| Find Previous          | Ctrl+Shift+G       |
| Use Selection for Find | Ctrl+E             |

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### The Sketch Menu

sketch\_190102a | Processing 3.4

- File
- Edit
- Sketch**
- Debug
- Tools
- Help

- Run
- Present
- Tweak
- Stop
- Import Library...
- Show Sketch Folder
- Add File...
- sketch\_190102a (Java)

Just like "Run", but without the window borders and title bar

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### The Debug Menu

sketch\_190102a | Processing 3.4

- File
- Edit
- Sketch
- Debug**
- Tools
- Help

- Disable Debugger
- Continue
- Step
- Step Into
- Step Out
- Toggle Breakpoint

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### The Tools Menu

sketch\_190102a | Processing 3.4

- File
- Edit
- Sketch
- Debug
- Tools**
- Help

- Create Font...
- Color Selector...
- Archive Sketch
- Movie Maker
- Add Tool...

Interactively select and edit a color

Create a movie from a series of images

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### The Help Menu

sketch\_190102a | Processing 3.4

- File
- Edit
- Sketch
- Debug
- Tools
- Help**

- About Processing
- Welcome to Processing 3
- Environment
- Reference
- Find in Reference
- Libraries Reference
- Tools Reference
- Online
- Getting Started
- Troubleshooting
- Frequently Asked Questions
- The Processing Foundation
- Visit Processing.org

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### Introduction to Writing Processing Programs

With *Processing*, I have bad news, and I have good news.

The bad news is that you have to write a program. This will involve some learning.

The good news is that you *get* to write a program. You will end up being ever-so-more knowledgeable than you started out, and, once you get the hang of this, there is nothing you won't be able to do with it!

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