[Tutorial] Set up Cloud9 instance and get Ruby ready

Before you begin, register for a [GitHub](#) (github.com) account. If you would like a free GitHub Pro account (allows you to create private repositories), you can obtain one through the [GitHub Student Developer Package](#) (https://education.github.com/pack).

Step 0: Create a free AWS account.
Cloud9 is now a service under AWS, so first of all, you'll need an AWS account.
Step 0.1: Go to [https://aws.amazon.com/](#). either login with your Amazon.com account or create a new one.
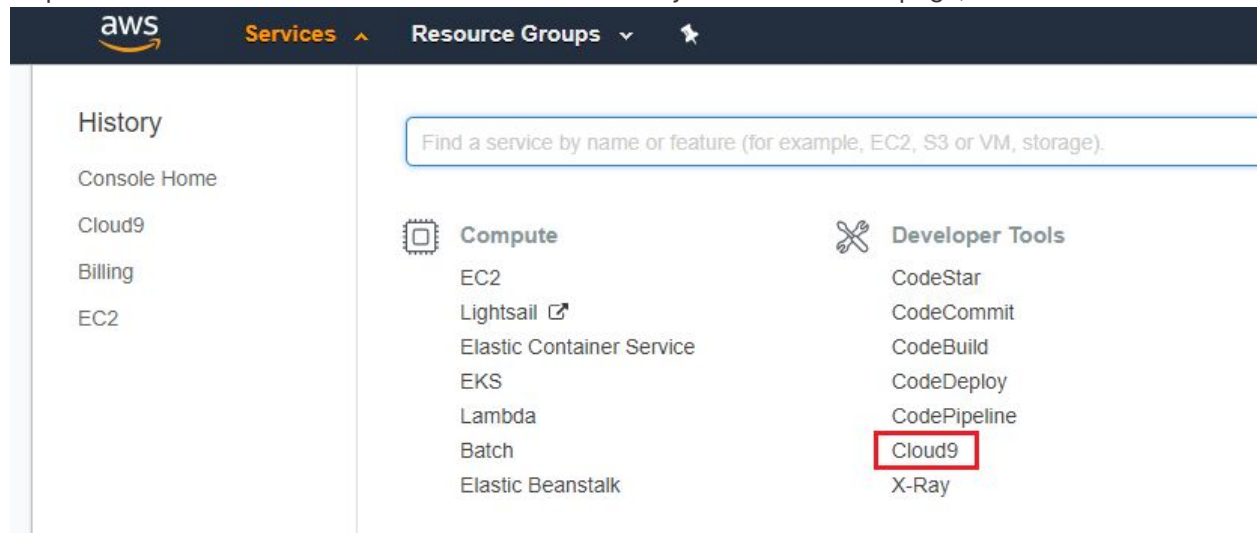Step 0.2: Fill in your personal information and payment information. AWS will not charge you unless you used some paid services.
Step 0.3: Sometimes AWS requires phone verification with a 4-digit code as the last step.
Now you have an AWS account, sign in to AWS console with your account.
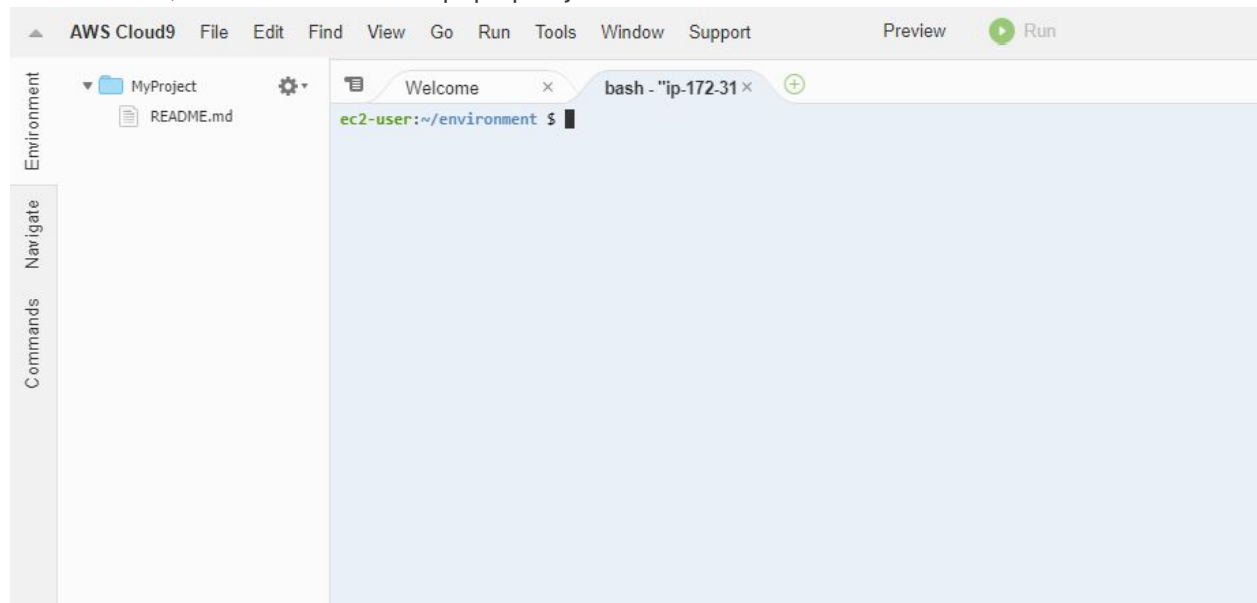
Step 1: Create a Cloud9 instance.
Step 1.1: Find Cloud9 service from the **Services** tab on your AWS console page, and click on it.

Step 1.2: On the next page, choose **create environment**
Step 1.3: Fill in the name (e.g. MyProject) and description (optional), and other settings (the only $ free option is **t2-micro**). Review and launch.

Once finished, a web-based IDE will pop up in your browser.

Step 2: Enable Ruby and download homework from Github.
Step 2.1: Install Ruby 2.4.0. The default Ruby version on Cloud9 is 2.6.3 which is different from the SaaS homework requirement. We need to install 2.4.0 instead.
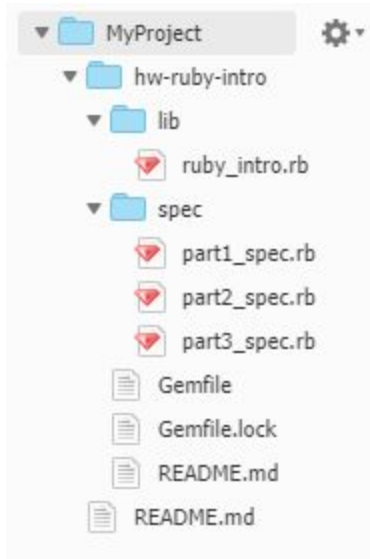
```
$ sudo yum -y update
$ rvm install 2.4.0
$ rvm use 2.4.0
```

Step 2.2: Fork the homework repo (e.g. Homework 1) https://github.com/saasbook/hw-ruby-intro.git :
Step 2.3: Clone this repo into your Cloud9 environment

```
$ git clone https://github.com/your_username/hw-ruby-intro.git
```

Once finished, you will see the files in your home directory.

```
▼ 📁 MyProject          ⚙️▾
   ▼ 📁 hw-ruby-intro
      ▼ 📁 lib
            💎 ruby_intro.rb
      ▼ 📁 spec
            💎 part1_spec.rb
            💎 part2_spec.rb
            💎 part3_spec.rb
         📄 Gemfile
         📄 Gemfile.lock
         📄 README.md
   📄 README.md
```

Open the *.rb file and write some code. Whoop!

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Feel free to report bugs and I may update this post.