

Note: Red boxes are added as a visual guide to important features on the pages shown.

Step 1: Open up your PHA email and find an email from Cloud 9 to sign up

Step 2: Click the sign up button.

Step 3: Enter your Name in the box provided

What can I call you?

When your apps are famous, you will want your name attached to them.

Your Name

Tutorial Account

Your name will show up in your public user profile, alongside any public workspaces you have.

Next >

Hi!

Awesome to meet you!

Sign In

Step 4: Create a username FirstnameLastName (All in lowercase)

Choose a username

Your username is permanent and will be seen in your profile URL and your workspace URLs so choose something timeless and classy.

Username

tutorialaccount

A username can contain letters, numbers and underscore. It cannot contain spaces, -, and non-alphanumeric characters.

Next >

Sign In

Step 5: Select that you are a Student Developer

Step 6: Select that you will use Cloud9 for Course work

Tell us about yourself

For an experience tailored to your needs.

What kind of developer are you?

Student ▼

If you're not professional now, perhaps you will be at some point so you can always change this in your settings.

How will you use Cloud9?

Coursework ▼

So we can help you use Cloud9 exactly the way you want to.



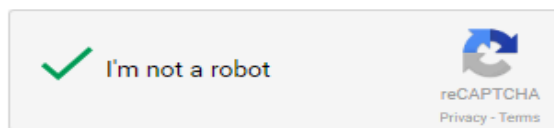
Step 7: Confirm account details on the next page (Just click next)

Step 8: Confirm that you are not a robot



One last thing...


Apologies teststudent, we need to make sure you're not a robot ;-)



Create account

By clicking the button you confirm you are accepting our [Terms of Service](#) and [Privacy Policy](#)

Step 9: Click **Create a new workspace**



Mark Vollinger

Workspaces


Shared With Me

Repositories

YOUR INDIVIDUAL SUBSCRIPTIONS

Free [Upgrade](#)

Workspaces



Create a new workspace

Step 10: *This step is reserved for a change in process, move along*

Step 11: In "Workspace name" field enter **hello_world**

Step 12: Give it a description of **This is my example workspace**

Step 13: Make sure that AP JAVA PHA team is selected and the workspace is set to Public

Step 14: Select Blank Template button

Step 15: Click Create Workspace

Create a new workspace

Workspace name11

hello_world

Description12

this is my example workspace

Team

AP Java PHA13

Hosted workspace

Clone workspace

Remote SSH workspace

Salesforce

☐

Private

This is a workspace for your eyes only

☒

Public

This will create a workspace for everybody to see

Clone from Git or Mercurial URL (optional)

e.g. ajaxorg/ace or git@github.com:ajaxorg/ace.git

Choose a template

HTML5

node.js

PHP, Apache & ...

Python

Django

Ruby

C++

Wordpress

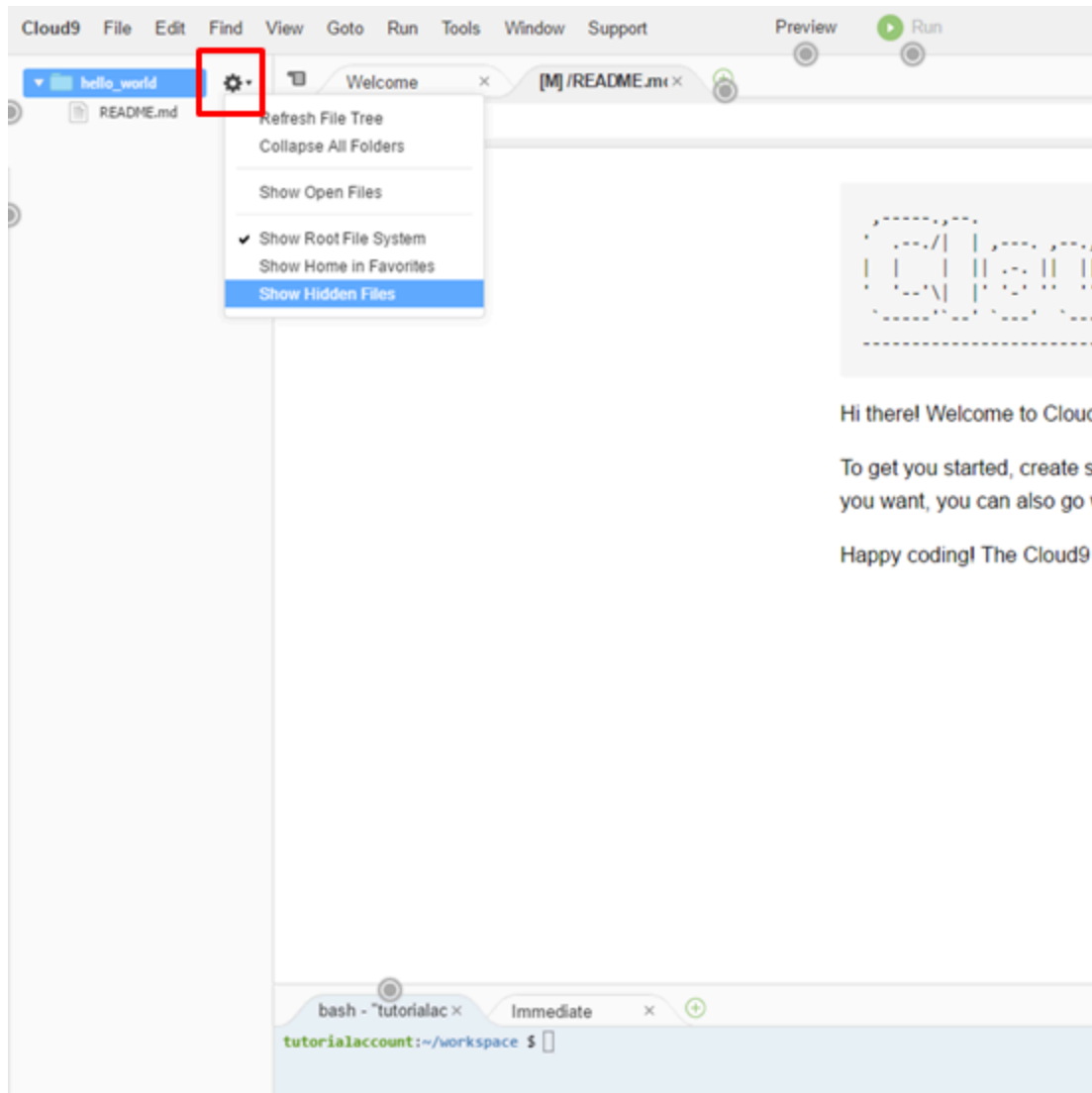
Rails Tutorial

Blank14

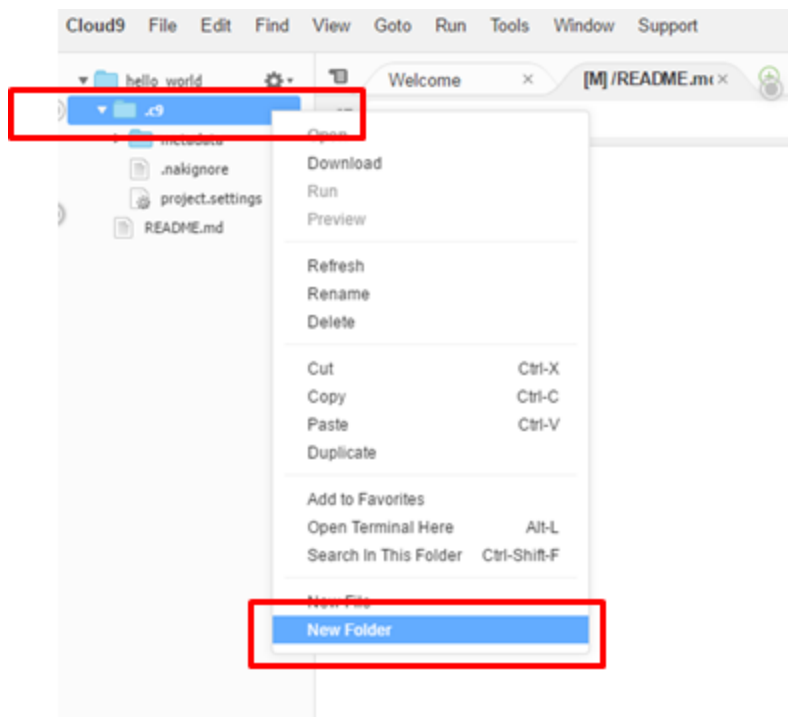
Harvard's CS50

Create workspace15

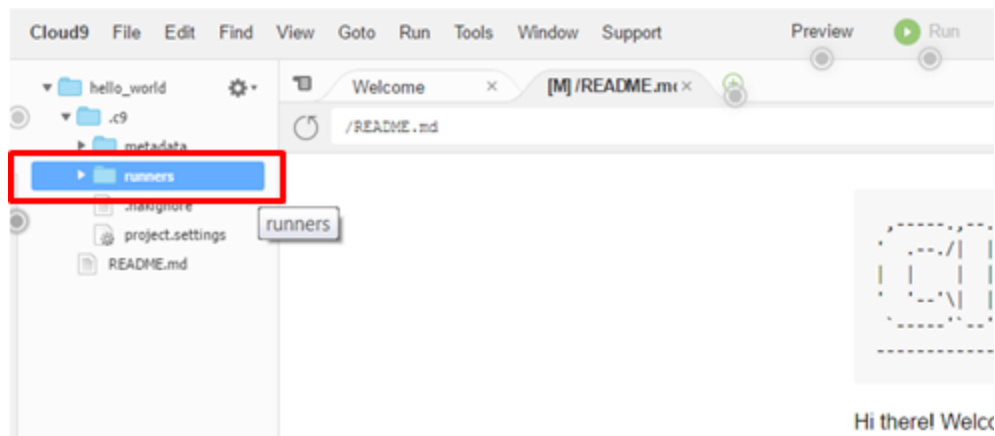
Step 16: Click the Gear and **Show Hidden Files**



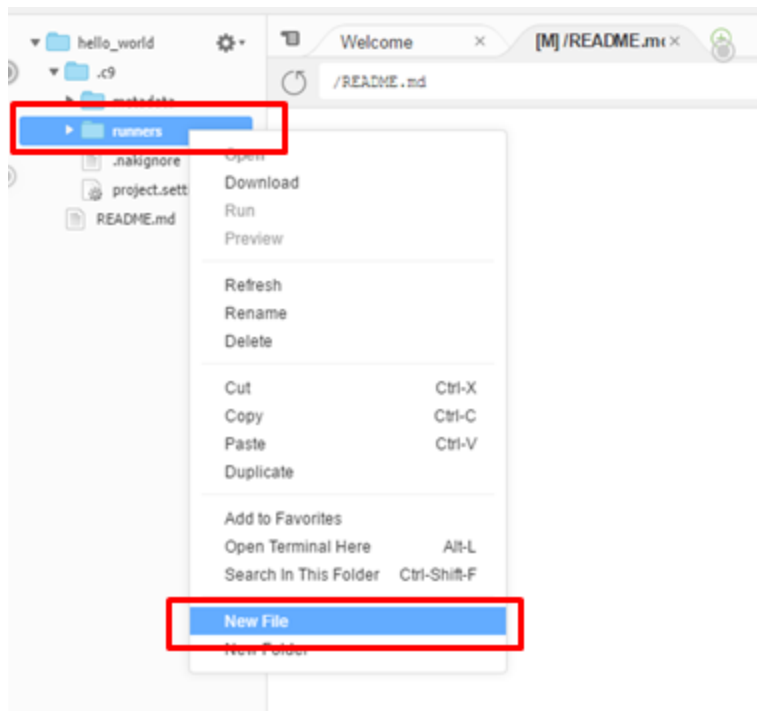
Step 17: Right Click on the **.c9** folder and select **New Folder**



Step 18: Name that new folder **runners** (all lower case)



Step 19: Right Click on the **runners** folder and select **New File**

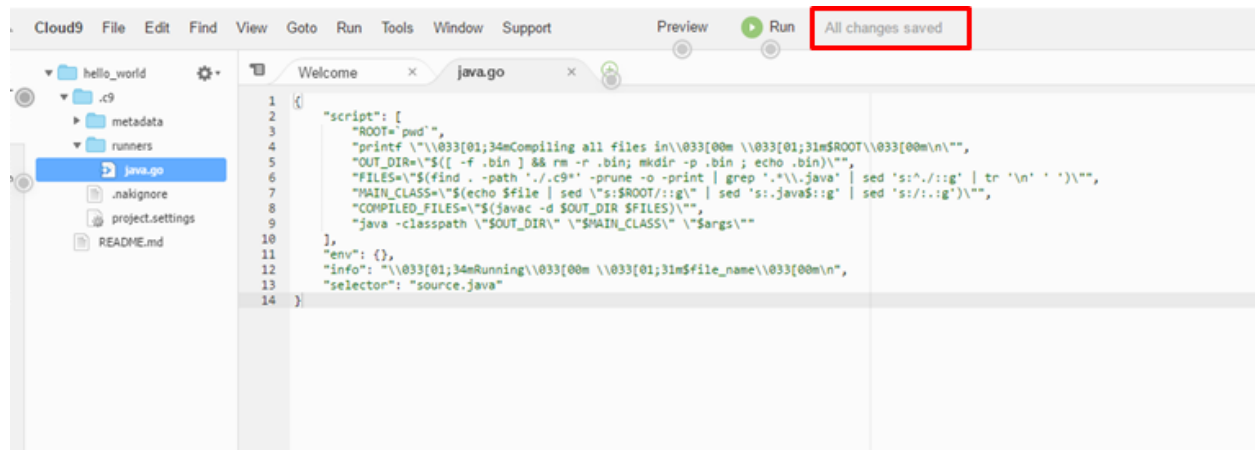


Step 20: Name that new file **java.go** (all lower case)

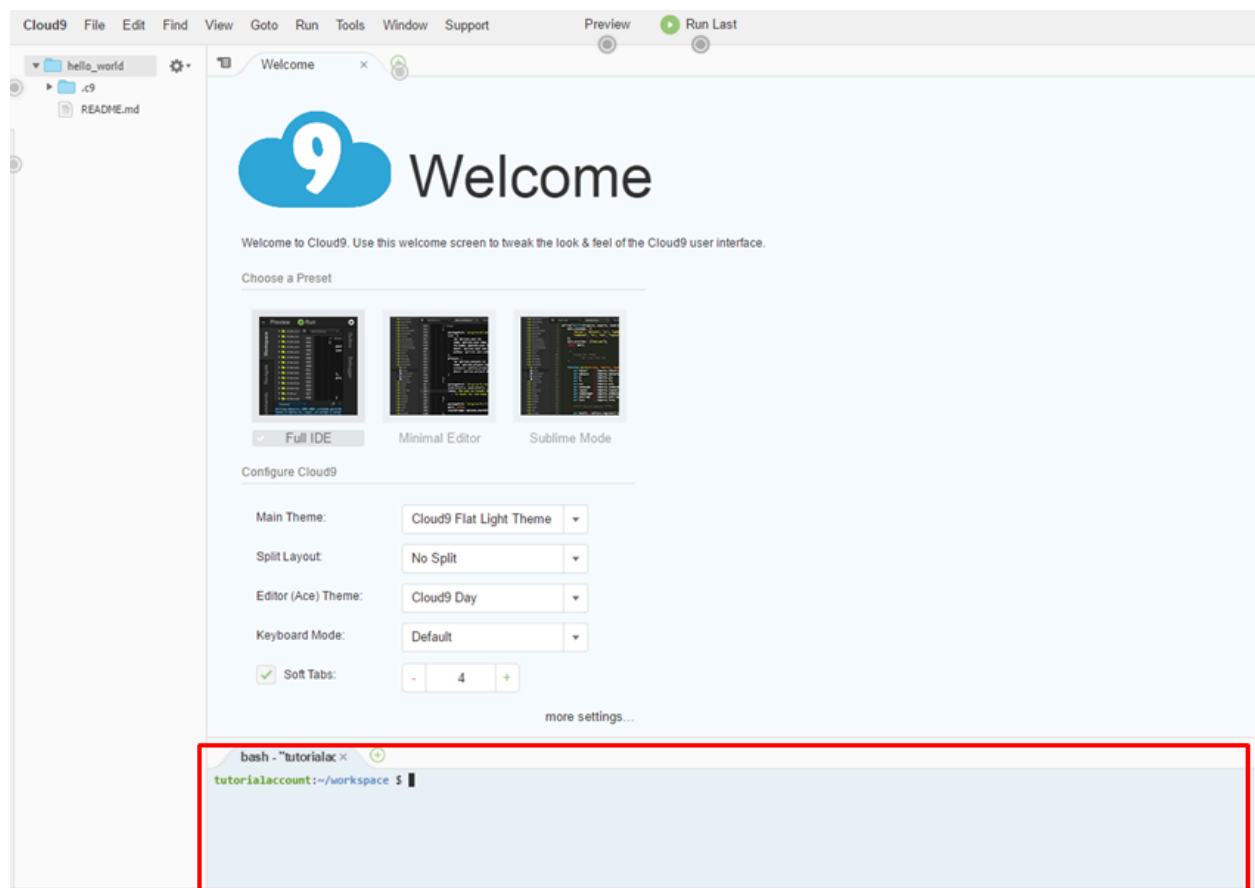
Step 21: Double click on **java.go** to open it and paste this code in it

```
{
  "script": [
    "ROOT=`pwd`",
    "printf '\\033[01;34mCompiling all files in\\033[00m \\033[01;31m$ROOT\\033[00m\\n\\033[00m'",
    "OUT_DIR=\"$([ -f .bin ] && rm -r .bin; mkdir -p .bin ; echo .bin)\"",
    "FILES=\"$ (find . -path './.c9*' -prune -o -print | grep '.*\\.java' | sed 's:^\.:g' | tr '\\n' ' ' )'",
    "MAIN_CLASS=\"$ (echo $file | sed 's:$ROOT/:g' | sed 's:.java$:g' | sed 's:/.:g')\"",
    "COMPILED_FILES=\"$ (javac -d $OUT_DIR $FILES)\"",
    "java -classpath \"$OUT_DIR\" \"$MAIN_CLASS\" \"$args\"",
  ],
  "env": {},
  "info": "\\033[01;34mRunning\\033[00m \\033[01;31m$file_name\\033[00m\\n",
  "selector": "source.java"
}
```


Step 22: Save **java.go** by using the shortcut **Ctrl+S** (An “All changes save message should appear)



Step 23: Click into the terminal at the bottom of the page (the rectangle will go next to the green text will fill in)

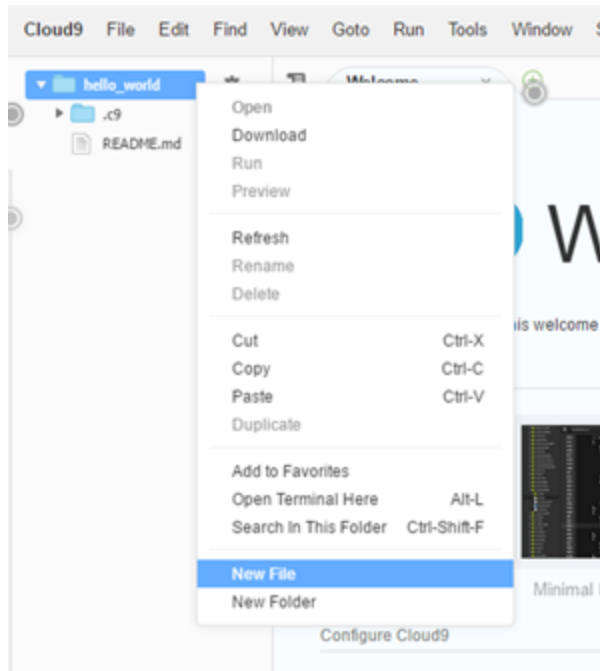


Step 24: Copy the following lines into the terminal and press enter (If it prompts you for input just type 'y' and enter)

sudo apt-get update

sudo apt-get install openjdk-7-jdk

Step 26: Create a new file under your top folder (**HelloWorld**) and call it **helloWorld.java** (case sensitive)

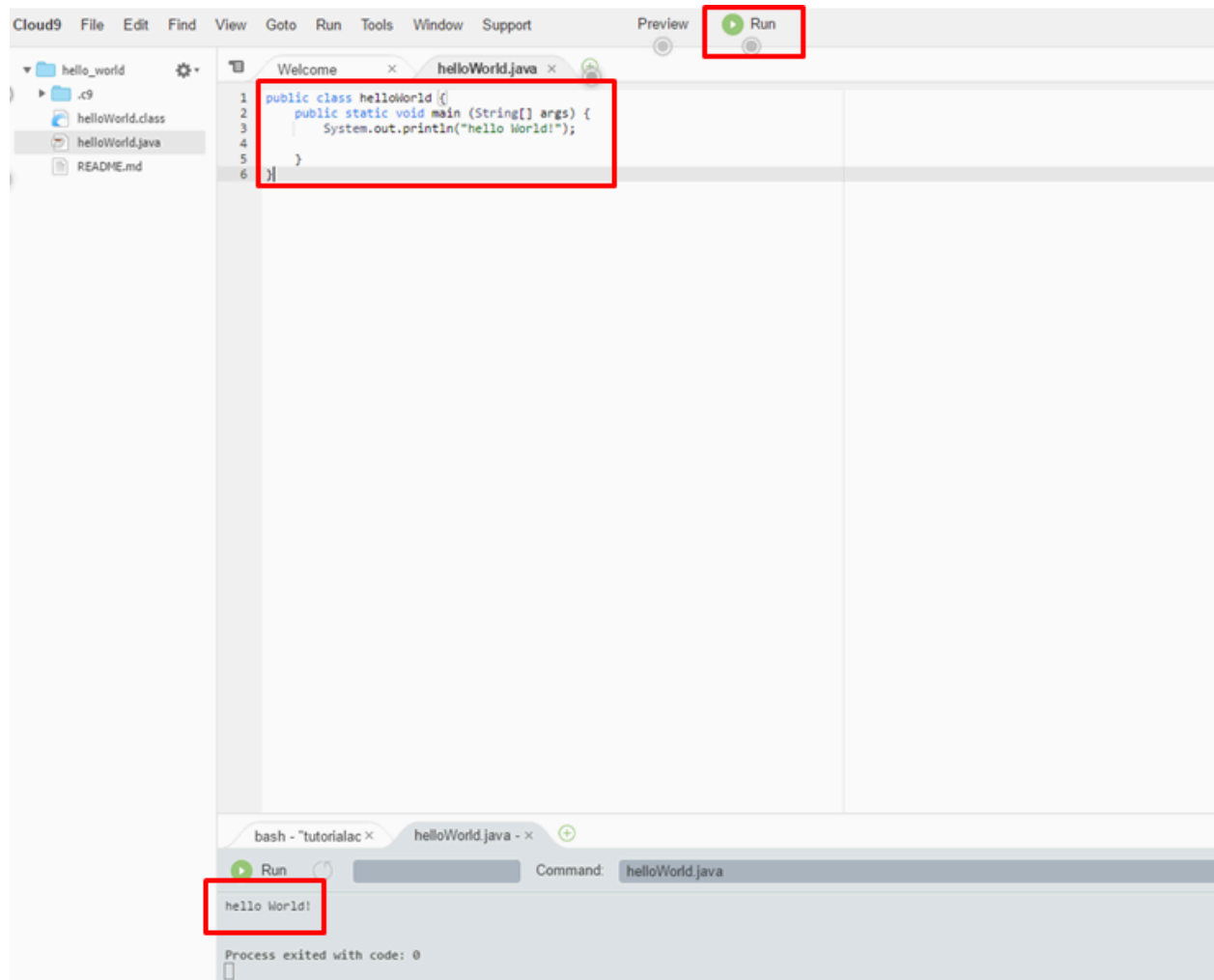


Step 27: Double click on helloWorld.java and copy/paste the following code

```
public class helloWorld {  
    public static void main (String[] args) {  
        System.out.println("hello World!");  
    }  
}
```

Step 28: Save the file and click the **Run** button. (if it is not there, refresh the page)

Step 27: Notice that **hello World!** Is printed in the console below.



Step 28: Edit the code to say something other than **hello World!** Save, and click **Run**

Once you have your first workspace set up always Clone it for new projects.

[How to clone your workspace](#)

[How to submit your workspace to Schoology](#)