

# Web and Database Hosting Using InfinityFree

This document covers setting up web hosting.

## Create InfinityFree Account

Go to [InfinityFree](#)

Click on [Sign up Now](#)


Fill in the form to sign up for a free account.


infinityfree.net


# InfinityFree


Free and Unlimited Web Hosting


Sign up for a free account

 techinnovator01@gmail.com

 .....

 .....

 I'm not a robot

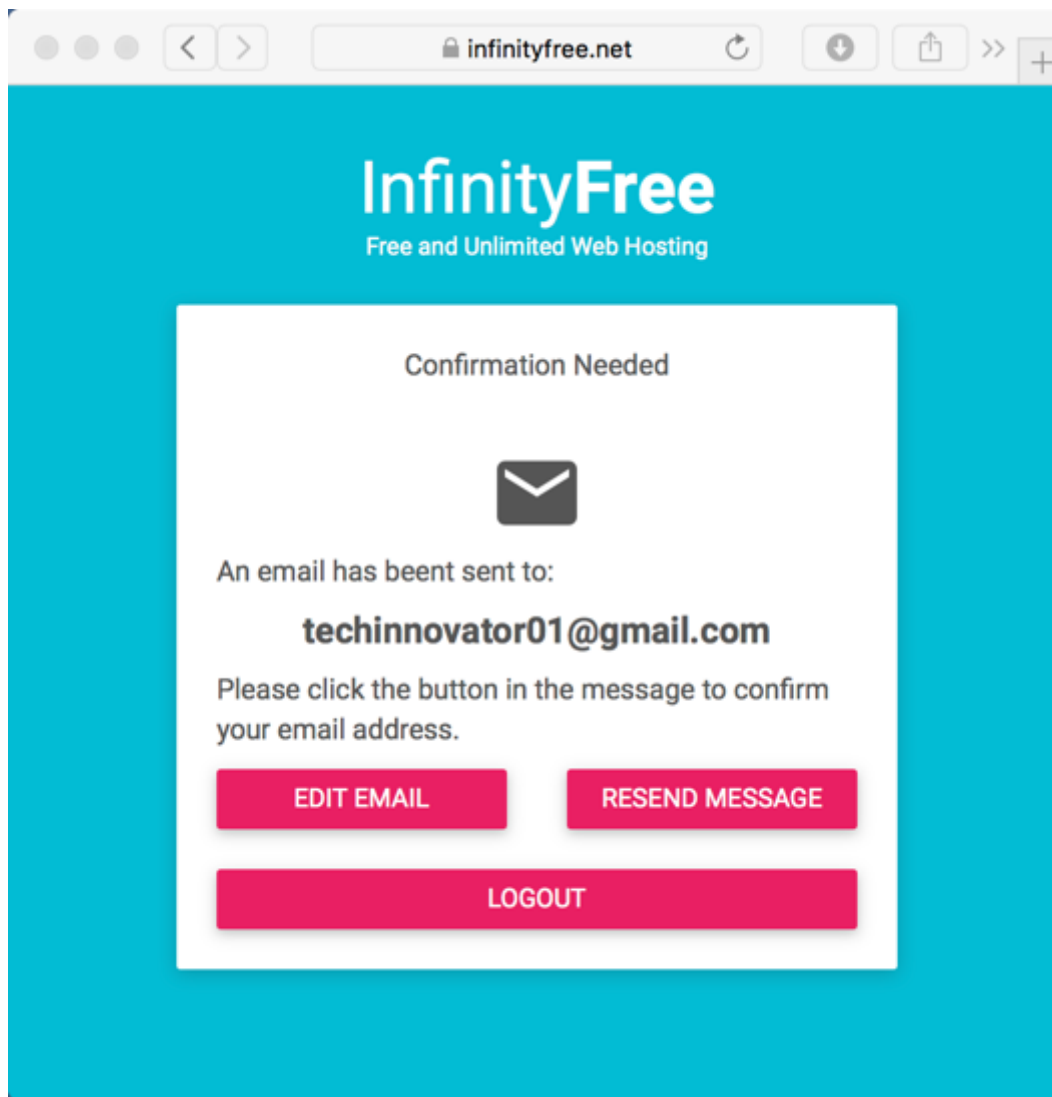
 reCAPTCHA  
Privacy - Terms

☒ I've read and agree to the [terms of service](#).

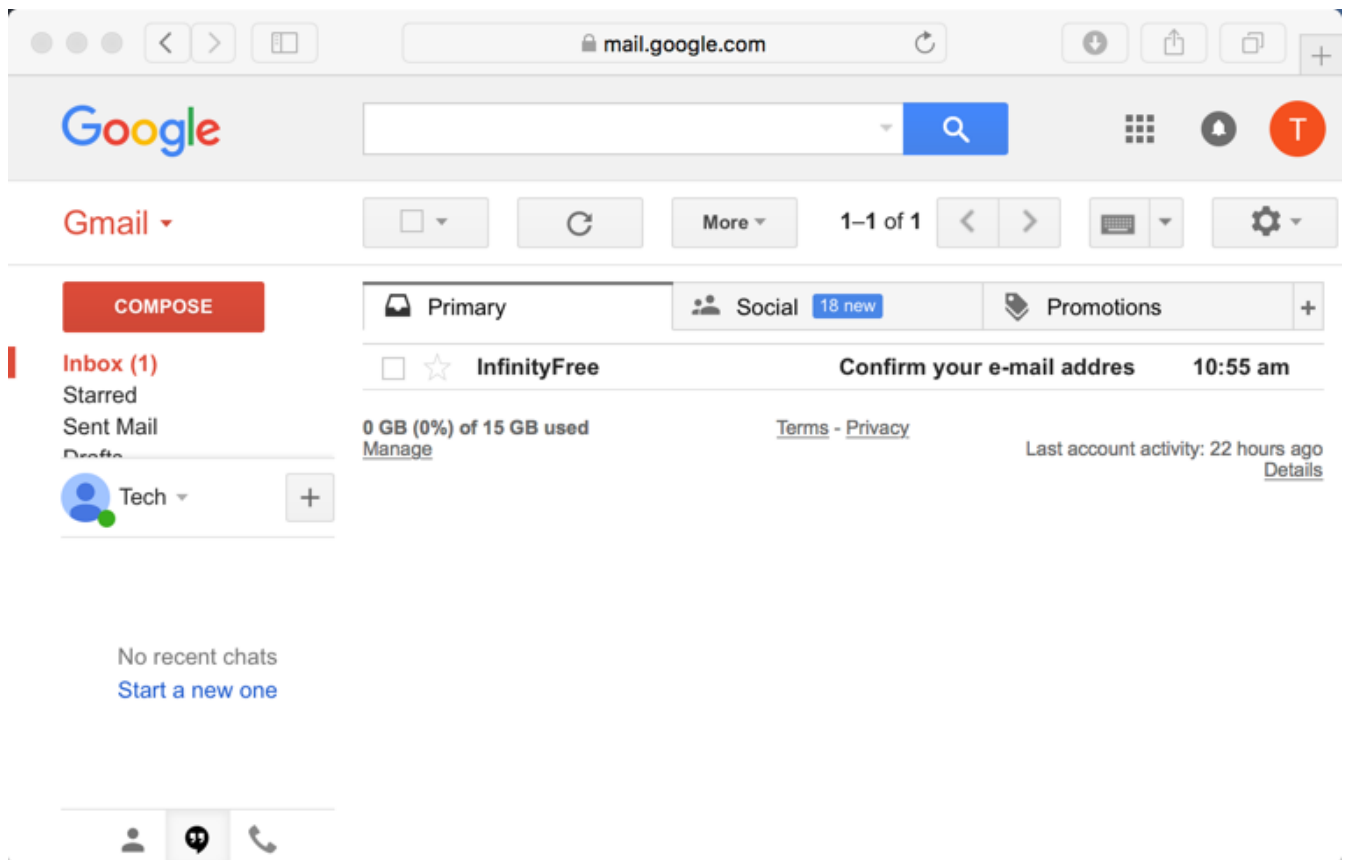
**SIGN UP**

[You already have a membership?](#)

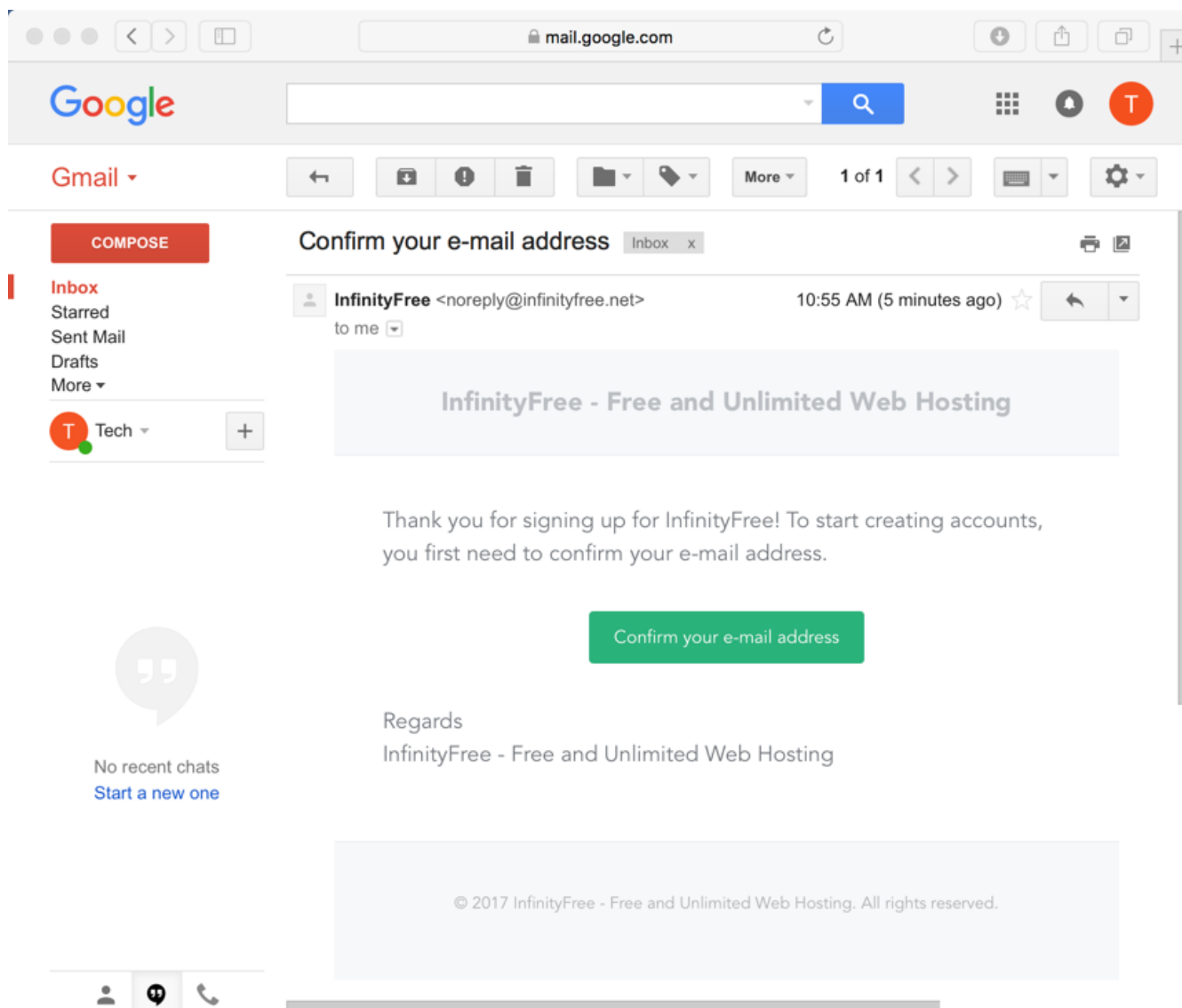
After signing up you will need to confirm your email address.



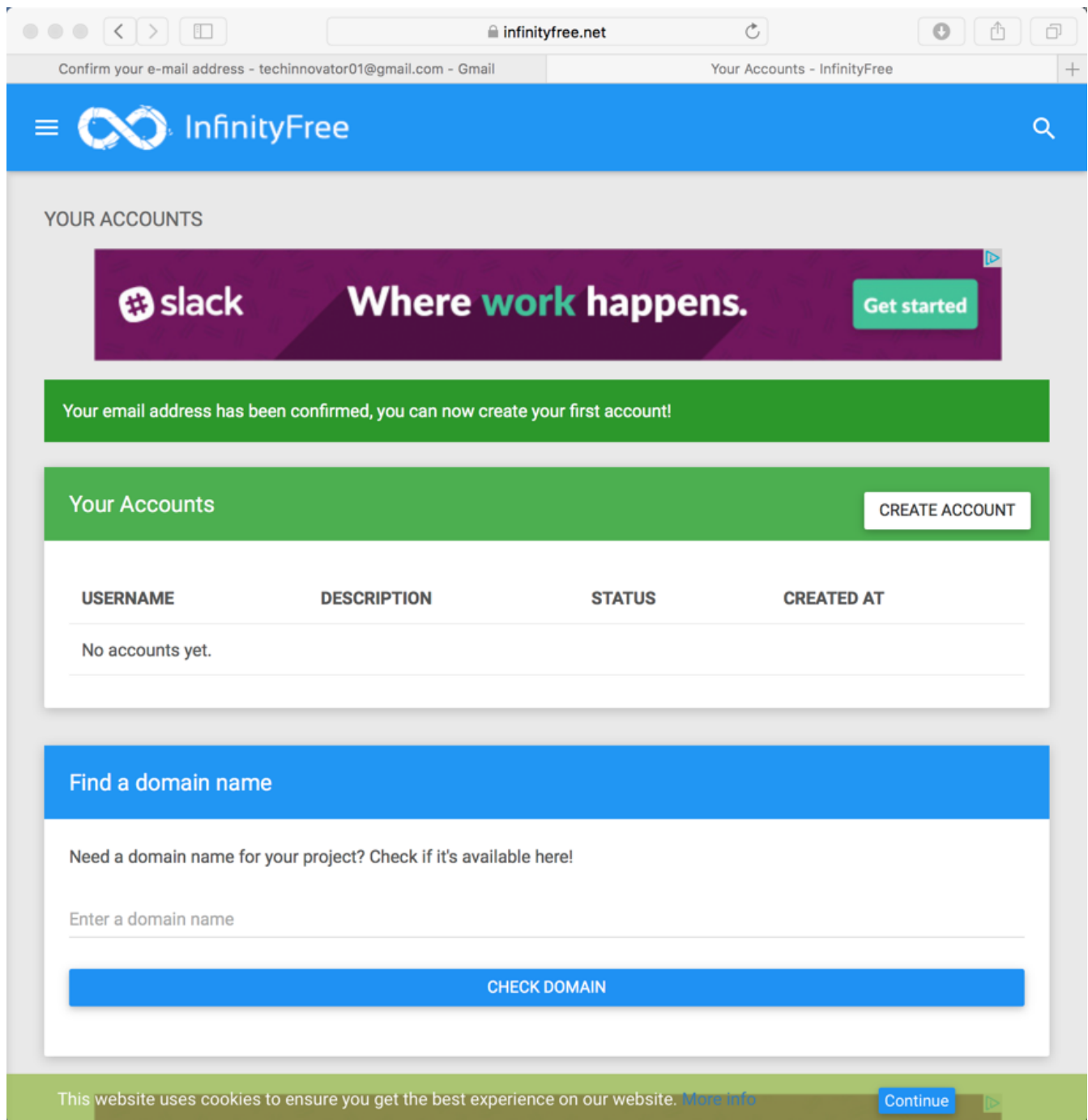
Go to your email client and find the email from InfinityFree.



Open the email from InfinityFree and click on the **Confirm your e-mail address** button.



Once you confirm your email address you should have access to InfinityFree.



An account in **Your Accounts** on the InfinityFree web site represents hosting for one web site. This hosting includes the hosting for web content as well as one or more databases.

The next step is to create an account. Click on the **CREATE ACCOUNT** button on the **Your Accounts** page.

Each hosted web site needs a domain name. InfinityFree provides a domain name at no cost that is a subdomain of epizy.com, freecluster.eu, and rf.gd.

In the **Find a free subdomain...** box, select epizy.com, freecluster.eu, or rf.gd and then enter a name in the **Enter a free subdomain...** field. The subdomain has to be one that is not

already in use by someone else. Click on the magnifying lens in the **Find a free subdomain...** box. If the subdomain is available, a box is displayed at the bottom of the page that indicates it is available and presents a button to create an account using it. Create the account.

The screenshot shows the InfinityFree website interface. At the top, there's a blue header with the InfinityFree logo and a search icon. Below the header, there's a section titled "Find a free subdomain...". Inside this section, there's a text input field with the placeholder "Enter a free subdomain..." and the text "techninnovator" entered. Below the input field, there's a dropdown menu showing ".epizy.com". A green search button with a magnifying glass icon is located below the dropdown. Below the search button, there's a message: "No configuration necessary. You can add other subdomains or custom domains later from your control panel." Below this section, there's another section titled "...or use your own domain". Inside this section, there's a text input field with the placeholder "Enter your own domain...". A green search button with a magnifying glass icon is located below the input field. Below the search button, there's a message: "Requires nameservers to be: ns1.byet.org, ns2.byet.org, ns3.byet.org, ns4.byet.org and ns5.byet.org. [Learn more.](#)" Below these sections, there's a green banner that says "Congratulations, techninnovator.epizy.com is available!". Below the banner, there's a section titled "Please complete the CAPTCHA". It contains a green checkmark and the text "I'm not a robot" next to a reCAPTCHA logo. Below the CAPTCHA section, there's a green button labeled "CREATE ACCOUNT". At the bottom of the page, there's a green footer with the text "This website uses cookies to ensure you get the best experience on our website. [More info](#)" and a blue button labeled "Continue".

After clicking to create an account, a page is displayed that shows the new account in the list of accounts and indicates it is being created (under **STATUS** is displays **PLEASE WAIT...** to

indicate setup of hosting is in progress).

The screenshot shows a web browser at [infinityfree.net](http://infinityfree.net). The page has a blue header with the InfinityFree logo and a search icon. Below the header, there's a section titled "YOUR ACCOUNTS". A purple Slack banner with the text "Where work happens." and a "Get started" button is displayed. A green notification bar states: "We're setting up your account and you can login in a few minutes!". Below this, a green bar contains the text "Your Accounts" and a "CREATE ACCOUNT" button. A table lists the accounts with columns: USERNAME, DESCRIPTION, STATUS, and CREATED AT. The table contains one entry with USERNAME "epiz\_20675218", DESCRIPTION "techninnovator.epizy.com", STATUS "PLEASE WAIT...", and CREATED AT "2017-09-11". At the bottom, a green bar contains a cookie notice and a "Continue" button.

Confirm your e-mail address - techninnovator01@gmail.com - Gmail

Your Accounts - InfinityFree

InfinityFree

YOUR ACCOUNTS

**Where work happens.** [Get started](#)

We're setting up your account and you can login in a few minutes!

Your Accounts [CREATE ACCOUNT](#)

Show 10 entries Search:

USERNAME	DESCRIPTION	STATUS	CREATED AT
<a href="#">epiz_20675218</a>	techninnovator.epizy.com	PLEASE WAIT...	2017-09-11

Showing 1 to 1 of 1 entries Previous 1 Next

This website uses cookies to ensure you get the best experience on our website. [More info](#) [Continue](#)

You may need to refresh the browser to see changes to the status. You need to wait until the status is **ACTIVE** before you can begin using the hosting. To manage the hosting, click on the account username under the **USERNAME** column in **Your Accounts**.



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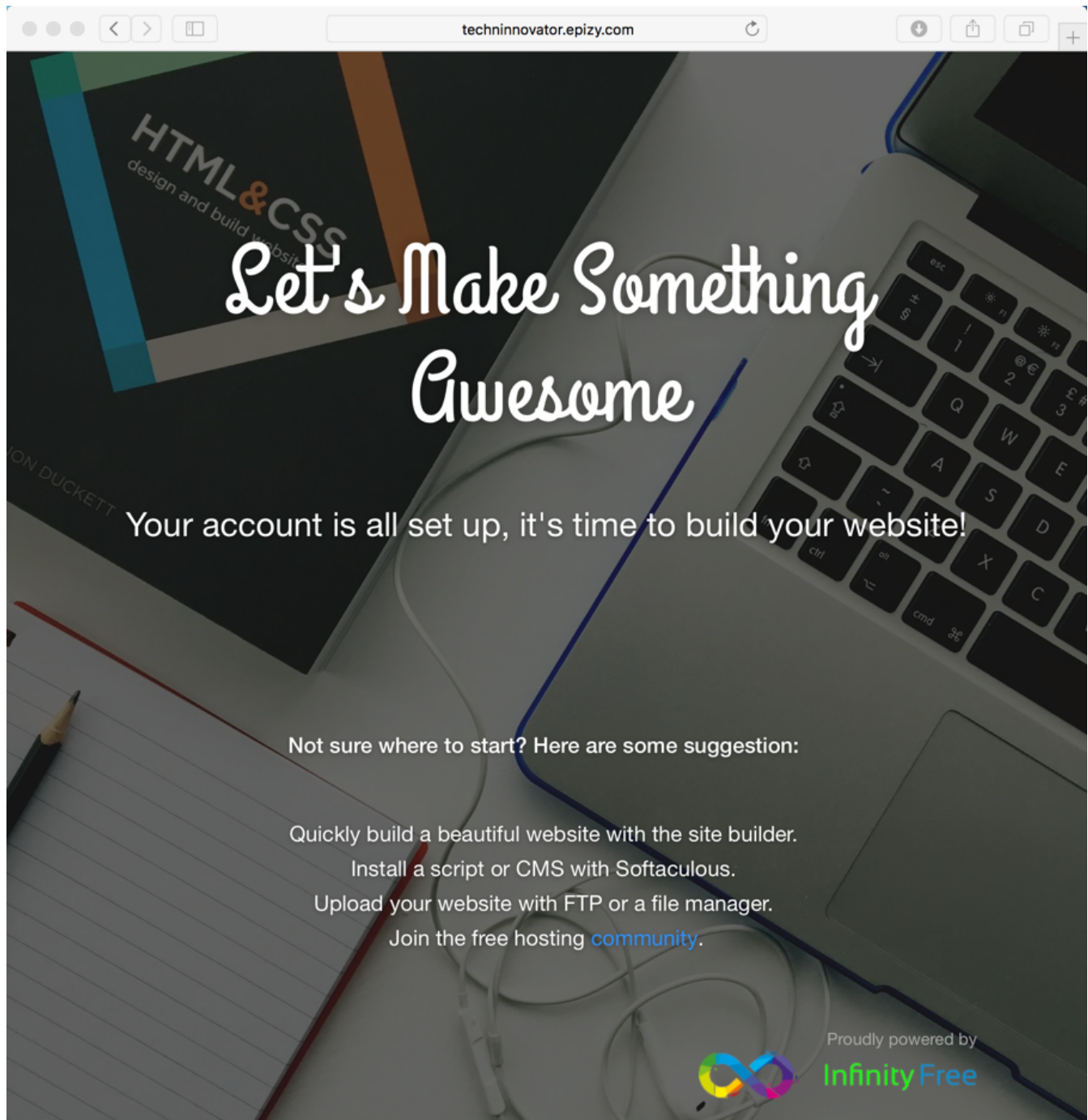
The **Hosting Account Password** (which is made visible by clicking the **Show** button) is the same password you will use for access to databases and for transferring files using FTP.

The green button with the wrench that says **Manage your website function. CONTROL** on it is used to create and manage databases and configure the web hosting.

The purple button with the file folder that says **Manage your web site files. FILE MANAGER** on it is used to manage files hosted by the web server. Note that web accessible files need to be in the **htdocs** folder.

The orange button with a paint roller that says **Easily build a web site without coding. SITE BUILDER** on it will not be used with the course.

The web address for your web site is displayed under **Description**. If you enter the web address into a web browser a default web page placed by the host is displayed.



## Test Web Hosting

Create two files that are to be uploaded to the **htdocs** folder using the **FILE MANAGER** or using an FTP client. The files must be create with a **plain text editor**. Do not use Word or an

editor that is used for creating formatted documents. ([Atom](#) is one possible choice for text editors.)

The two files that are to be created are index.php and index.html.

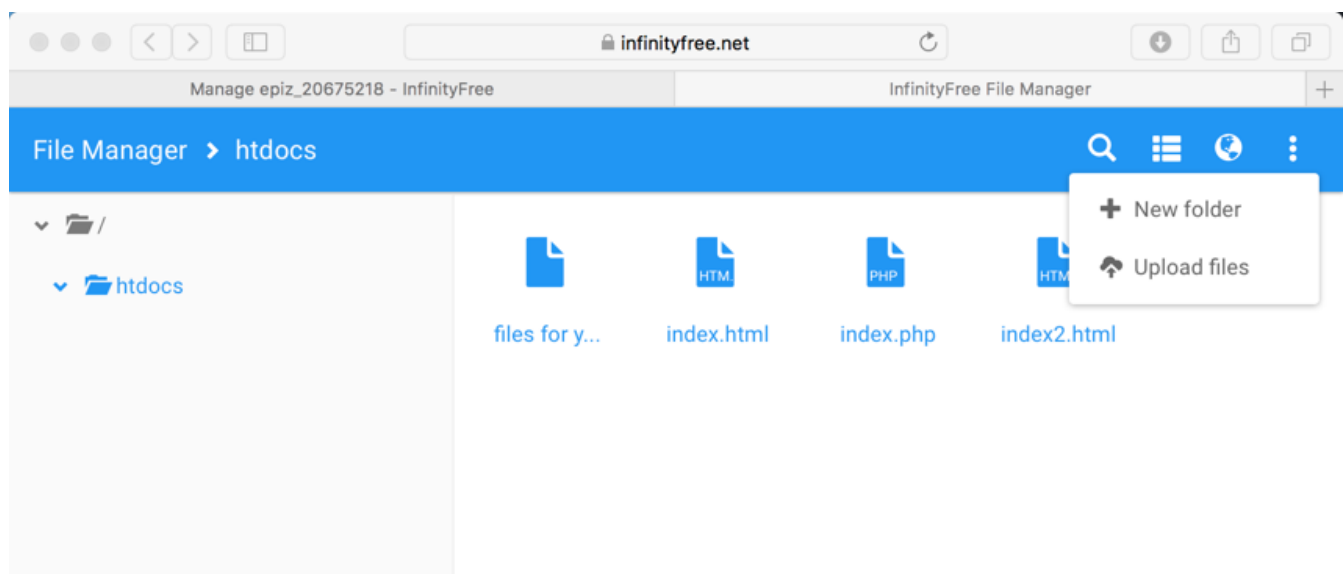
In the index.php file put the following:

```
<?
phpinfo();
?>
```

In the index.html file put the following where "Put your name here" is to be replaced with your name and "Say something about yourself here." is to be replaced with information about yourself.

```
<!DOCTYPE html>
<html>
<head>
<title>Put your name here</title>
</head>
<body>
<h1>Put your name here</h1>
<p>Say something about yourself here.</p>
</body>
</html>
```

To upload the files, click on the purple button with the file folder that says **Manage your web site files. FILE MANAGER** on it. Go the htdocs folder before selecting the three vertical dot icon and selecting **Upload files**.

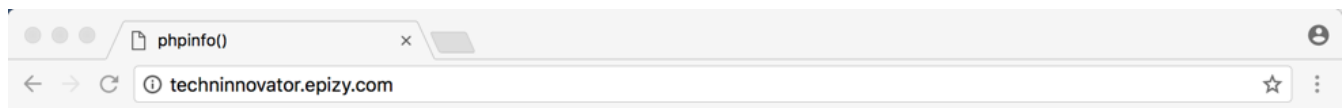


Once the files (index.php and index.html) are uploaded to the htdocs folder on the web host, test that they are accessible.

The URL (web address) to access index.php is at your domain name or at your domain name with /index.php appended to the end of the domain. My domain is techninnovator.epizy.com, so <http://techninnovator.epizy.com> or <http://techninnovator.epizy.com/index.php> can be used to access the index.php file. The .htaccess file in the root directory of your account's file storage has the following line in it. This line tells the web server what files to automatically look for if no file path is specified in the URL. First it looks for an index.php and if it finds it, it loads it. If not, it goes to the next entry in the list.

```
DirectoryIndex index.php index.html index2.html
```

For a php script, the web server runs the program and then returns the output of the program to the browser. phpinfo() is a php function that displays information about the php setup on the server as a formatted web page. The following is what is displayed when I access index.php on my server.



## PHP Version 7.0.19



System	Linux freeweb26.byetcluster.com 2.6.32-673.26.1.lve1.4.27.el6.x86_64 #1 SMP Sun May 7 19:22:54 EDT 2017 x86_64
Build Date	May 31 2017 14:10:52
Configure Command	'./configure' '--prefix=/usr/php70' '--with-apxs2=/opt/rh/httpd24-php70/root/usr/bin/apxs' '--disable-cli' '--disable-cgi' '--with-config-file-path=/etc/php70' '--enable-inline-optimization' '--disable-rpath' '--with-layout=GNU' '--with-pear=/usr/share/php' '--enable-calendar' '--with-iconv' '--enable-exif' '--enable-ftp' '--with-gettext' '--disable-ipv6' '--disable-wddx' '--with-zlib' '--without-pgsql' '--enable-zip=/usr' '--with-exec-dir=/usr/lib/php4/libexec' '--without-sybase-ct' '--with-gd' '--with-jpeg-dir=/usr' '--with-png-dir=/usr' '--with-ttf=shared,/usr' '--with-t1lib' '--with-freetype-dir=/usr' '--enable-gd-native-ttf' '--with-sqlite' '--enable-ctype' '--enable-bcmath' '--enable-mbstring' '--disable-inifile' '--disable-flatfile' '--with-mysql' '--with-mysqli' '--with-pdo-mysql' '--with-libdir=lib64' '--disable-posix' '--with-openssl' '--with-curl=/usr/local/phpcurl' '--with-openssl-dir=/usr/local/ssl102' '--with-mcrypt' '--with-xmllrpc' '--with-ldap' '--with-imap-ssl' '--with-kerberos' '--enable-soap' '--with-icu-dir=/usr/local/icu571' '--enable-intl' '--with-xsl'
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php70
Loaded Configuration File	/etc/php70/php.ini
Scan this dir for additional .ini files	(none)
Additional .ini files parsed	(none)
PHP API	20151012
PHP Extension	20151012
Zend Extension	320151012
Zend Extension Build	API320151012,NTS
PHP Extension Build	API20151012,NTS
Debug Build	no
Thread Safety	disabled
Zend Signal Handling	disabled
Zend Memory Manager	enabled
Zend Multibyte Support	provided by mbstring
IPv6 Support	disabled
DTrace Support	disabled
Registered PHP Streams	https, ftps, compress.zlib, php, file, glob, data, http, ftp, phar, zip
Registered Stream Socket Transports	tcp, unix, udg, ssl, sslv3, sslv2, tls, tlsv1.0, tlsv1.1, tlsv1.2
Registered Stream Filters	zlib.*, convert.iconv.*, mcrypt.*, mdecrypt.*, string.rot13, string.toupper, string.tolower, string.strip_tags, convert.*, consumed, dechunk

This program makes use of the Zend Scripting Language Engine:  
Zend Engine v3.0.0, Copyright (c) 1998-2017 Zend Technologies  
with the ionCube PHP Loader (enabled) + Intrusion Protection from ioncube24.com (unconfigured) v6.0.6, Copyright (c) 2002-2016, by ionCube Ltd.

zend engine

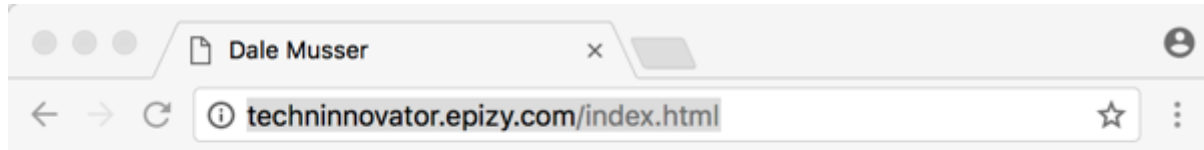
## Configuration

### apache2handler

Apache Version	Apache
Apache API Version	20120211
Server Administrator	root@foo.tld
Hostname:Port	techninnovator.epizy.com:0
User/Group	apache(48)/48
Max Requests	Per Child: 9000 - Keep Alive: off - Max Per Connection: 10
Timeouts	Connection: 15 - Keep-Alive: 15
Virtual Server	Yes
Server Root	/opt/rh/httpd24-php70/root/etc/httpd

The URL to access index.html is at your domain name with /index.html appended to the end of the domain. My domain is techninnovator.epizy.com, so

<http://techninnovator.epizy.com/index.html> can be used to access the index.html file. The following is what is displayed when I access index.html on my server.



# Dale Musser

Dale is an associate teaching professor of Computer Science and Journalism.