```
Last login: Fri Apr 16 08:52:36 on ttys000
jackbourne@Jacks-MacBook-Pro ~ % ls
Applications    Library         Public          gitDemo
Desktop         Movies          Splice          gitDemo.html
Documents       Music           boom            running around
Downloads       Pictures        first           super_boom
jackbourne@Jacks-MacBook-Pro ~ % git add gitDemo.html
fatal: not a git repository (or any of the parent directories): .git
jackbourne@Jacks-MacBook-Pro ~ % git status
fatal: not a git repository (or any of the parent directories): .git
jackbourne@Jacks-MacBook-Pro ~ % git init
Initialized empty Git repository in /Users/jackbourne/.git/
jackbourne@Jacks-MacBook-Pro ~ % git status
warning: could not open directory '.Trash/': Operation not permitted
warning: could not open directory 'Downloads/': Operation not permitted
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .CFUserTextEncoding
        .DS_Store
        .config/
        .vscode/
        .zsh_history
        Applications/
        Desktop/
        Documents/
        Library/
        Movies/
        Music/
        Pictures/
        Public/
        Splice/
        boom/
        first/
        gitDemo
        gitDemo.html
        super_boom/


It took 4.68 seconds to enumerate untracked files. 'status -uno'
may speed it up, but you have to be careful not to forget to add
new files yourself (see 'git help status').
nothing added to commit but untracked files present (use "git add" to track)
jackbourne@Jacks-MacBook-Pro ~ % git add gitDemo.html
jackbourne@Jacks-MacBook-Pro ~ % git status
warning: could not open directory '.Trash/': Operation not permitted
warning: could not open directory 'Downloads/': Operation not permitted
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   gitDemo.html
```

```
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .CFUserTextEncoding
        .DS_Store
        .config/
        .vscode/
        .zsh_history
        Applications/
        Desktop/
        Documents/
        Library/
        Movies/
        Music/
        Pictures/
        Public/
        Splice/
        boom/
        first/
        gitDemo
        super_boom/

jackbourne@Jacks-MacBook-Pro ~ % git commit -m "create gitDemo.html"
[master (root-commit) b419d04] create gitDemo.html
 Committer: Jack Bourne <jackbourne@Jacks-MacBook-Pro.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 gitDemo.html
jackbourne@Jacks-MacBook-Pro ~ % git status
warning: could not open directory '.Trash/': Operation not permitted
warning: could not open directory 'Downloads/': Operation not permitted
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .CFUserTextEncoding
        .DS_Store
        .config/
        .vscode/
        .zsh_history
        Applications/
        Desktop/
        Documents/
        Library/
        Movies/
        Music/
        Pictures/
        Public/
        Splice/
```

```
        boom/
        first/
        gitDemo
        super_boom/

nothing added to commit but untracked files present (use "git add" to track)
jackbourne@Jacks-MacBook-Pro ~ %
  [Restored 16 Apr 2021 at 10:22:40]
Last login: Fri Apr 16 09:09:00 on ttys000
jackbourne@Jacks-MacBook-Pro ~ % git status
warning: could not open directory '.Trash/': Operation not permitted
warning: could not open directory 'Downloads/': Operation not permitted
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   gitDemo.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .CFUserTextEncoding
        .DS_Store
        .config/
        .vscode/
        .zsh_history
        Applications/
        Desktop/
        Documents/
        Library/
        Movies/
        Music/
        Pictures/
        Public/
        Splice/
        boom/
        first/
        gitDemo
        super_boom/

no changes added to commit (use "git add" and/or "git commit -a")
jackbourne@Jacks-MacBook-Pro ~ % git add gitDemo.html
jackbourne@Jacks-MacBook-Pro ~ % git status
warning: could not open directory '.Trash/': Operation not permitted
warning: could not open directory 'Downloads/': Operation not permitted
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   gitDemo.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .CFUserTextEncoding
        .DS_Store
        .config/
        .vscode/
        .zsh_history
        Applications/
        Desktop/
```

```
        Documents/
        Library/
        Movies/
        Music/
        Pictures/
        Public/
        Splice/
        boom/
        first/
        gitDemo
        super_boom/

jackbourne@Jacks-MacBook-Pro ~ % git commit -m "add basic html skeleton"
[master f508ec0] add basic html skeleton
 Committer: Jack Bourne <jackbourne@Jacks-MacBook-Pro.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 17 insertions(+)
jackbourne@Jacks-MacBook-Pro ~ % git status
warning: could not open directory '.Trash/': Operation not permitted
warning: could not open directory 'Downloads/': Operation not permitted
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .CFUserTextEncoding
        .DS_Store
        .config/
        .vscode/
        .zsh_history
        Applications/
        Desktop/
        Documents/
        Library/
        Movies/
        Music/
        Pictures/
        Public/
        Splice/
        boom/
        first/
        gitDemo
        super_boom/

nothing added to commit but untracked files present (use "git add" to track)
jackbourne@Jacks-MacBook-Pro ~ % git status
warning: could not open directory '.Trash/': Operation not permitted
warning: could not open directory 'Downloads/': Operation not permitted
On branch master
```

```
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   gitDemo.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .CFUserTextEncoding
        .DS_Store
        .config/
        .vscode/
        .zsh_history
        Applications/
        Desktop/
        Documents/
        Library/
        Movies/
        Music/
        Pictures/
        Public/
        Splice/
        boom/
        first/
        gitDemo
        super_boom/

no changes added to commit (use "git add" and/or "git commit -a")
jackbourne@Jacks-MacBook-Pro ~ % git dif
git: 'dif' is not a git command. See 'git --help'.

The most similar commands are
        diff
        config
        difftool
        init
jackbourne@Jacks-MacBook-Pro ~ % git status
warning: could not open directory '.Trash/': Operation not permitted
warning: could not open directory 'Downloads/': Operation not permitted
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   gitDemo.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .CFUserTextEncoding
        .DS_Store
        .config/
        .vscode/
        .zsh_history
        Applications/
        Desktop/
        Documents/
        Library/
        Movies/
        Music/
        Pictures/
```

```
        Public/
        Splice/
        boom/
        first/
        gitDemo
        super_boom/

no changes added to commit (use "git add" and/or "git commit -a")
jackbourne@Jacks-MacBook-Pro ~ % git diff
diff --git a/gitDemo.html b/gitDemo.html
index e0ba07c..5bee636 100644
--- a/gitDemo.html
+++ b/gitDemo.html
@@ -11,6 +11,7 @@
 <body>

     <h1>heeeellllooooo</h1>
+    <h2>boooooooo!</h2>

 </body>

jackbourne@Jacks-MacBook-Pro ~ % clear

jackbourne@Jacks-MacBook-Pro ~ % ls
Applications    Library         Public          gitDemo
Desktop         Movies          Splice          gitDemo.html
Documents       Music           boom            running around
Downloads       Pictures        first           super_boom
jackbourne@Jacks-MacBook-Pro ~ % mkdir learn_git_again
jackbourne@Jacks-MacBook-Pro ~ % ls
Applications    Library         Public          gitDemo         super_boom
Desktop         Movies          Splice          gitDemo.html
Documents       Music           boom            learn_git_again
Downloads       Pictures        first           running around
jackbourne@Jacks-MacBook-Pro ~ % cd learn_git_again
jackbourne@Jacks-MacBook-Pro learn_git_again % touch third.txt
jackbourne@Jacks-MacBook-Pro learn_git_again % ls
third.txt
jackbourne@Jacks-MacBook-Pro learn_git_again % cd ..
jackbourne@Jacks-MacBook-Pro ~ % cd lear_git_again
cd: no such file or directory: lear_git_again
jackbourne@Jacks-MacBook-Pro ~ % cd learn_git_again
jackbourne@Jacks-MacBook-Pro learn_git_again % git init
Initialized empty Git repository in /Users/jackbourne/learn_git_again/.git/
jackbourne@Jacks-MacBook-Pro learn_git_again % git add third.txt
jackbourne@Jacks-MacBook-Pro learn_git_again % git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   third.txt

jackbourne@Jacks-MacBook-Pro learn_git_again % git commit -m "adding third txt"
[master (root-commit) 1b1b3db] adding third txt
 Committer: Jack Bourne <jackbourne@Jacks-MacBook-Pro.local>
Your name and email address were configured automatically based
```

on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 third.txt
jackbourne@Jacks-MacBook-Pro learn_git_again % git status
On branch master
nothing to commit, working tree clean
jackbourne@Jacks-MacBook-Pro learn_git_again % git log
commit 1b1b3db963b2a753ba963d0a1c7096e0ef6101dd (HEAD -> master)
Author: Jack Bourne <jackbourne@Jacks-MacBook-Pro.local>
Date: Fri Apr 16 10:42:17 2021 +0200

    adding third txt
jackbourne@Jacks-MacBook-Pro learn_git_again % touch fourth.txt
jackbourne@Jacks-MacBook-Pro learn_git_again % git add fourth.txt
jackbourne@Jacks-MacBook-Pro learn_git_again % git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file: fourth.txt

jackbourne@Jacks-MacBook-Pro learn_git_again % git commit -m "adding fourth.txt"

[master a82d4e5] adding fourth.txt
 Committer: Jack Bourne <jackbourne@Jacks-MacBook-Pro.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fourth.txt
jackbourne@Jacks-MacBook-Pro learn_git_again % git status
On branch master
nothing to commit, working tree clean
jackbourne@Jacks-MacBook-Pro learn_git_again % git log
commit a82d4e5703cc0acb199f800e27694b712a8c3c75 (HEAD -> master)
Author: Jack Bourne <jackbourne@Jacks-MacBook-Pro.local>
Date: Fri Apr 16 10:44:11 2021 +0200

    adding fourth.txt

Author: Jack Bourne <jackbourne@Jacks-MacBook-Pro.local>
Date: Fri Apr 16 10:42:17 2021 +0200

    adding third txt
jackbourne@Jacks-MacBook-Pro learn_git_again % rm third.txt
jackbourne@Jacks-MacBook-Pro learn_git_again % ls
fourth.txt
jackbourne@Jacks-MacBook-Pro learn_git_again % git config --global core.pager=ca
t
error: invalid key: core.pager=cat
jackbourne@Jacks-MacBook-Pro learn_git_again % core.pager=cat git config
zsh: command not found: core.pager=cat
jackbourne@Jacks-MacBook-Pro learn_git_again % core.pager=cat - git config
zsh: command not found: core.pager=cat
jackbourne@Jacks-MacBook-Pro learn_git_again % git config --global core.pager 'c
at'
jackbourne@Jacks-MacBook-Pro learn_git_again % git config --global
usage: git config [<options>]

Config file location
    --global   use global config file
    --system   use system config file
    --local   use repository config file
    --worktree   use per-worktree config file
    -f, --file <file>   use given config file
    --blob <blob-id>   read config from given blob object

Action
    --get   get value: name [value-regex]
    --get-all   get all values: key [value-regex]
    --get-regexp   get values for regexp: name-regex [value-regex]
    --get-urlmatch   get value specific for the URL: section[.var] URL
    --replace-all   replace all matching variables: name value [value_rege
x]
    --add   add a new variable: name value
    --unset   remove a variable: name [value-regex]
    --unset-all   remove all matches: name [value-regex]
    --rename-section   rename section: old-name new-name
    --remove-section   remove a section: name
    -l, --list   list all
    -e, --edit   open an editor
    --get-color   find the color configured: slot [default]
    --get-colorbool   find the color setting: slot [stdout-is-tty]

Type
    -t, --type <>   value is given this type
    --bool   value is "true" or "false"
    --int   value is decimal number
    --bool-or-int   value is --bool or --int
    --path   value is a path (file or directory name)
    --expiry-date   value is an expiry date

Other
    -z, --null   terminate values with NUL byte
    --name-only   show variable names only
    --includes   respect include directives on lookup
    --show-origin   show origin of config (file, standard input, blob, com

```
mand line)
    --default <value>     with --get, use default value when missing entry

jackbourne@Jacks-MacBook-Pro learn_git_again % git config --get-all
error: wrong number of arguments, should be from 1 to 2
usage: git config [<options>]

Config file location
    --global              use global config file
    --system              use system config file
    --local               use repository config file
    --worktree            use per-worktree config file
    -f, --file <file>     use given config file
    --blob <blob-id>      read config from given blob object

Action
    --get                 get value: name [value-regex]
    --get-all             get all values: key [value-regex]
    --get-regexp          get values for regexp: name-regex [value-regex]
    --get-urlmatch        get value specific for the URL: section[.var] URL
    --replace-all         replace all matching variables: name value [value_rege
x]
    --add                 add a new variable: name value
    --unset               remove a variable: name [value-regex]
    --unset-all           remove all matches: name [value-regex]
    --rename-section      rename section: old-name new-name
    --remove-section      remove a section: name
    -l, --list            list all
    -e, --edit            open an editor
    --get-color           find the color configured: slot [default]
    --get-colorbool       find the color setting: slot [stdout-is-tty]

Type
    -t, --type <>         value is given this type
    --bool                value is "true" or "false"
    --int                 value is decimal number
    --bool-or-int         value is --bool or --int
    --path                value is a path (file or directory name)
    --expiry-date         value is an expiry date

Other
    -z, --null            terminate values with NUL byte
    --name-only           show variable names only
    --includes            respect include directives on lookup
    --show-origin         show origin of config (file, standard input, blob, com
mand line)
    --default <value>     with --get, use default value when missing entry

jackbourne@Jacks-MacBook-Pro learn_git_again %
```