```
Last login: Fri May  1 21:47:21 on ttys000
Paul@supports-MBP-4 ~ % pwd
/Users/Paul
Paul@supports-MBP-4 ~ % cd
Paul@supports-MBP-4 ~ % pwd
/Users/Paul
Paul@supports-MBP-4 ~ % ls
Applications                        Library
Creative Cloud Files                Movies
Desktop                             Music
Documents                           Pictures
Downloads                           Public
Google Drive File Stream PycharmProjects
Paul@supports-MBP-4 ~ % cd Documents
Paul@supports-MBP-4 Documents % ls
12Program_Plan                      Year8Test
91582- possible-assessments         airbnb
AI                                  code_activities
Adobe                               databasematerial
Algebra_TEX_2019        fruitbowl_from_github
CodeTests                           github _testing
DB_Testing_C                        iCloudSet_latest
DTech                               iCloud_big_old_set
Iluustrator_summer                  iCloud_intermediate_set
JS_Programming_Done                 illustrator_block.ai
Machine_Learning        illustrator_block.gif
Machine_Learning_Hidden             images
Nature_Of_Code                      nocharacter.txt
Olympics                  onecharacter.txt
Pages from Workbook - Teacher Copy.pdf   quatrefoil.ai
Python_projects                     sample_sites
Roll.xlsx                           statistics_assessments
Statistical_Reports_Tex             training
TestClone                           unit_conversions
Untitled.txt                        ~$Roll.xlsx
Year10
Paul@supports-MBP-4 Documents % cd DTech
Paul@supports-MBP-4 DTech % ls
DBases                  Year10
Year 11                 chinook_database
Paul@supports-MBP-4 DTech % pwd
Paul@supports-MBP-4 DTech % git clone https://github.com/paul-
khouri/year11_2020.git
Cloning into 'year11_2020'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
Paul@supports-MBP-4 DTech % pwd
/Users/Paul/Documents/DTech
Paul@supports-MBP-4 DTech % ls
DBases                  Year 11                 Year10
        chinook_database year11_2020
Paul@supports-MBP-4 DTech % cd year11_2020
```

```
Paul@supports-MBP-4 year11_2020 % git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
Paul@supports-MBP-4 year11_2020 % git remote
origin
Paul@supports-MBP-4 year11_2020 % ls
Molley_read_and make_a_new_file.pdf          README.md
                    other_work
Quiz_assessment                              jade_v4.pdf
Paul@supports-MBP-4 year11_2020 % git status
On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .DS_Store
        Molley_read_and make_a_new_file.pdf
        jade_v4.pdf
        other_work/

nothing added to commit but untracked files present (use "git add"
to track)
Paul@supports-MBP-4 year11_2020 % git status
On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .DS_Store
        Molley_read_and make_a_new_file.pdf
        jade_v4.pdf
        other_work/

nothing added to commit but untracked files present (use "git add"
to track)
Paul@supports-MBP-4 year11_2020 % git commit -a -m "Adding large
File Block"
On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
        .DS_Store
        Molley_read_and make_a_new_file.pdf
        jade_v4.pdf
        other_work/

nothing added to commit but untracked files present
Paul@supports-MBP-4 year11_2020 % git add -a
error: unknown switch `a'
usage: git add [<options>] [--] <pathspec>...

    -n, --dry-run           dry run
```

have added files into the folder

new files recognised but need to be added to the repository

trying to commit, but the files need to be "added" first.

```
    -v, --verbose           be verbose

    -i, --interactive       interactive picking
    -p, --patch             select hunks interactively
    -e, --edit              edit current diff and apply
    -f, --force             allow adding otherwise ignored files
    -u, --update            update tracked files
    --renormalize           renormalize EOL of tracked files (implies
-u)
    -N, --intent-to-add     record only the fact that the path will be
added later
    -A, --all               add changes from all tracked and untracked
files
    --ignore-removal        ignore paths removed in the working tree
(same as --no-all)
    --refresh               don't add, only refresh the index
    --ignore-errors         just skip files which cannot be added
because of errors
    --ignore-missing        check if - even missing - files are
ignored in dry run
    --chmod (+|-)x          override the executable bit of the listed
files

Paul@supports-MBP-4 year11_2020 % git status
On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .DS_Store
        Molley_read_and make_a_new_file.pdf
        jade_v4.pdf
        other_work/

nothing added to commit but untracked files present (use "git add"
to track)
Paul@supports-MBP-4 year11_2020 % git add
Nothing specified, nothing added.
Maybe you wanted to say 'git add .'?
Paul@supports-MBP-4 year11_2020 % git add .
Paul@supports-MBP-4 year11_2020 % git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   .DS_Store
        new file:   Molley_read_and make_a_new_file.pdf
        new file:   jade_v4.pdf
        new file:   other_work/.DS_Store
        new file:   other_work/Tree_test.py
        new file:   other_work/Tree_test_1.py
        new file:   other_work/__pycache__/questions.cpython-37.pyc
        new file:   other_work/binary_tree_1.py
```

← Trying to add files

← helpful hint.

← add the files.

they now need to be committed

```
        new file:    other_work/class_adding_nums.py
        new file:    other_work/class_functions_with_arguments.py
        new file:    other_work/conditions_examples.py
        new file:    other_work/dict_multi_adds.py
        new file:    other_work/dictionaries_class.py
        new file:    other_work/dictionaries_class_1.py
        new file:    other_work/dictionary_tree.py
        new file:    other_work/dictionary_tree_rpg.py
        new file:    other_work/dictionary_tree_rpg_grace.py
        new file:    other_work/dictionary_tree_rpg_grace_simple.py
        new file:    other_work/dictionary_update_using_key.py
        new file:    other_work/dinner_order_basic.py
        new file:    other_work/dinner_order_basic_part.py
        new file:    other_work/dinner_order_basic_v3.py
        new file:    other_work/dinner_order_loop_version.py
        new file:    other_work/first_file.py
        new file:    other_work/full game v1.py
        new file:    other_work/full game v1_update.py
        new file:    other_work/full_game_v1_update.py
        new file:    other_work/function_arguments.py
        new file:    other_work/function_arguments_simple.py
        new file:    other_work/functions_set_up_loop.py
        new file:    other_work/getting_input.py
        new file:    other_work/little_dictionary.py
        new file:    other_work/loops_cond_class.py
        new file:    other_work/loops_input_cond.py
        new file:    other_work/loops_list.py
        new file:    other_work/loops_with_lists.py
        new file:    other_work/nodes/__pycache__/
node_set.cpython-37.pyc
        new file:    other_work/nodes/node_left_right.py
        new file:    other_work/nodes/node_set.py
        new file:    other_work/questions.py
        new file:    other_work/random_examples.py
        new file:    other_work/running_questions.py
        new file:    other_work/running_questions_v2.py
        new file:    other_work/running_questions_v3.py
        new file:    other_work/shuffle.py
        new file:    other_work/stringmethod.py
        new file:    other_work/unicorn_with_validation.py
        new file:    other_work/user_input_function.py
        new file:    other_work/validation1.py
        new file:    other_work/validation_game.py

Paul@supports-MBP-4 year11_2020 % git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:    .DS_Store
        new file:    Molley_read_and make_a_new_file.pdf
        new file:    jade_v4.pdf
        new file:    other_work/.DS_Store
```

```
        new file:   other_work/Tree_test.py
        new file:   other_work/Tree_test_1.py
        new file:   other_work/__pycache__/questions.cpython-37.pyc
        new file:   other_work/binary_tree_1.py
        new file:   other_work/class_adding_nums.py
        new file:   other_work/class_functions_with_arguments.py
        new file:   other_work/conditions_examples.py
        new file:   other_work/dict_multi_adds.py
        new file:   other_work/dictionaries_class.py
        new file:   other_work/dictionaries_class_1.py
        new file:   other_work/dictionary_tree.py
        new file:   other_work/dictionary_tree_rpg.py
        new file:   other_work/dictionary_tree_rpg_grace.py
        new file:   other_work/dictionary_tree_rpg_grace_simple.py
        new file:   other_work/dictionary_update_using_key.py
        new file:   other_work/dinner_order_basic.py
        new file:   other_work/dinner_order_basic_part.py
        new file:   other_work/dinner_order_basic_v3.py
        new file:   other_work/dinner_order_loop_version.py
        new file:   other_work/first_file.py
        new file:   other_work/full game v1.py
        new file:   other_work/full game v1_update.py
        new file:   other_work/full_game_v1_update.py
        new file:   other_work/function_arguments.py
        new file:   other_work/function_arguments_simple.py
        new file:   other_work/functions_set_up_loop.py
        new file:   other_work/getting_input.py
        new file:   other_work/little_dictionary.py
        new file:   other_work/loops_cond_class.py
        new file:   other_work/loops_input_cond.py
        new file:   other_work/loops_list.py
        new file:   other_work/loops_with_lists.py
        new file:   other_work/nodes/__pycache__/
node_set.cpython-37.pyc
        new file:   other_work/nodes/node_left_right.py
        new file:   other_work/nodes/node_set.py
        new file:   other_work/questions.py
        new file:   other_work/random_examples.py
        new file:   other_work/running_questions.py
        new file:   other_work/running_questions_v2.py
        new file:   other_work/running_questions_v3.py
        new file:   other_work/shuffle.py
        new file:   other_work/stringmethod.py
        new file:   other_work/unicorn_with_validation.py
        new file:   other_work/user_input_function.py
        new file:   other_work/validation1.py
        new file:   other_work/validation_game.py

Paul@supports-MBP-4 year11_2020 % git commit -a -m "Large file block
    to add"
[master b3a0e9f] Large file block to add
 50 files changed, 3025 insertions(+)
  create mode 100644 .DS_Store
  create mode 100644 Molley_read_and make_a_new_file.pdf
```

Commit files.

they are now part of the "laptop" repository but not on the remote repository. (Github).

```
   create mode 100644 jade_v4.pdf
   create mode 100644 other_work/.DS_Store
   create mode 100644 other_work/Tree_test.py
   create mode 100644 other_work/Tree_test_1.py
   create mode 100644 other_work/__pycache__/questions.cpython-37.pyc
   create mode 100644 other_work/binary_tree_1.py
   create mode 100644 other_work/class_adding_nums.py
   create mode 100644 other_work/class_functions_with_arguments.py
   create mode 100644 other_work/conditions_examples.py
   create mode 100644 other_work/dict_multi_adds.py
   create mode 100644 other_work/dictionaries_class.py
   create mode 100644 other_work/dictionaries_class_1.py
   create mode 100644 other_work/dictionary_tree.py
   create mode 100644 other_work/dictionary_tree_rpg.py
   create mode 100644 other_work/dictionary_tree_rpg_grace.py
   create mode 100644 other_work/dictionary_tree_rpg_grace_simple.py
   create mode 100644 other_work/dictionary_update_using_key.py
   create mode 100644 other_work/dinner_order_basic.py
   create mode 100644 other_work/dinner_order_basic_part.py
   create mode 100644 other_work/dinner_order_basic_v3.py
   create mode 100644 other_work/dinner_order_loop_version.py
   create mode 100644 other_work/first_file.py
   create mode 100644 other_work/full game v1.py
   create mode 100644 other_work/full game v1_update.py
   create mode 100644 other_work/full_game_v1_update.py
   create mode 100644 other_work/function_arguments.py
   create mode 100644 other_work/function_arguments_simple.py
   create mode 100644 other_work/functions_set_up_loop.py
   create mode 100644 other_work/getting_input.py
   create mode 100644 other_work/little_dictionary.py
   create mode 100644 other_work/loops_cond_class.py
   create mode 100644 other_work/loops_input_cond.py
   create mode 100644 other_work/loops_list.py
   create mode 100644 other_work/loops_with_lists.py
   create mode 100644 other_work/nodes/__pycache__/
 node_set.cpython-37.pyc
   create mode 100644 other_work/nodes/node_left_right.py
   create mode 100644 other_work/nodes/node_set.py
   create mode 100644 other_work/questions.py
   create mode 100644 other_work/random_examples.py
   create mode 100644 other_work/running_questions.py
   create mode 100644 other_work/running_questions_v2.py
   create mode 100644 other_work/running_questions_v3.py
   create mode 100644 other_work/shuffle.py
   create mode 100644 other_work/stringmethod.py
   create mode 100644 other_work/unicorn_with_validation.py
   create mode 100644 other_work/user_input_function.py
   create mode 100644 other_work/validation1.py
   create mode 100644 other_work/validation_game.py
 Paul@supports-MBP-4 year11_2020 % git status
 On branch master
 Your branch is ahead of 'origin/master' by 1 commit.
   (use "git push" to publish your local commits)
```

⬅ *Files are now Committed and (master) branch is now ahead of remote branch*

```
nothing to commit, working tree clean
Paul@supports-MBP-4 year11_2020 % 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_regex]
    --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, command line)
    --default <value>     with --get, use default value when missing
entry

Paul@supports-MBP-4 year11_2020 % git config --global user.name
paul-khouri
Paul@supports-MBP-4 year11_2020 % git config --global user.email
paul.khouri@marsden.school.nz
Paul@supports-MBP-4 year11_2020 % git config --list
```

get list of settings

check settings correct so can push to remote repository

```
credential.helper=osxkeychain
user.name=paul-khouri
user.email=paul.khouri@marsden.school.nz
core.repositoryformatversion=0
core.filemode=true
core.bare=false
core.logallrefupdates=true
core.ignorecase=true
core.precomposeunicode=true
remote.origin.url=https://github.com/paul-khouri/year11_2020.git
remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
branch.master.remote=origin
branch.master.merge=refs/heads/master
Paul@supports-MBP-4 year11_2020 % git log
commit b3a0e9fcaff32cbaf0f22e47449ec98e248a6d50 (HEAD -> master)
Author: paul-khouri <paul.khouri@marsden.school.nz>
Date:   Fri May 1 22:08:51 2020 +1200

    Large file block to add

commit 818bb95a452b93374d02630a4201c9e9c99f10dc (origin/master,
origin/HEAD)
Author: paul-khouri <45544400+paul-khouri@users.noreply.github.com>
Date:   Fri May 1 21:55:59 2020 +1200

    Initial commit
Paul@supports-MBP-4 year11_2020 % git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
Paul@supports-MBP-4 year11_2020 % git push origin
Enumerating objects: 57, done.
Counting objects: 100% (57/57), done.
Delta compression using up to 4 threads
Compressing objects: 100% (56/56), done.
Writing objects: 100% (56/56), 3.62 MiB | 590.00 KiB/s, done.
Total 56 (delta 5), reused 0 (delta 0)
remote: Resolving deltas: 100% (5/5), done.
To https://github.com/paul-khouri/year11_2020.git
   818bb95..b3a0e9f  master -> master
Paul@supports-MBP-4 year11_2020 % git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
Paul@supports-MBP-4 year11_2020 %
```

(handwritten annotations:)
← name of remote repository is origin

← now push to remote repository

← status check