```
    # ssh-copy-id => copies ssh public key to the remote server's authorized_keys file, enabling future passwordless ssh logins to that remote server
    # ssh-add => adds a key to the ssh agent
    # ssh-agent => store private keys used for public key authentication
    # scp => securely copies files between local machine and remote system
    # sftp => securely transfers files over an encrypted ssh session

ssh username@hostname
ssh gongahkia@192.168.1.2

ssh username@hostname 'ls -l'
ssh username@hostname 'mdkir watermelon && touch watermelon.yaml && mv watermelon.yaml watermelon'
ssh-add /path/to/private_key

scp /path/to/local_file username@hostname:/path/to/remote_directory
sftp username@hostname

# ----- FLAGS -----
    # -p => specifies a non-default SSH port that the user wants to connect to
    # -i => designates a specific identity file and its corresponding private key for authentication
    # -t => specifies the type of key to be created during key generation
    # -b => specifies number of bits in the key
    # -l => lists all keys loaded within the ssh agent
    # -C => adds a comment to the key used to identify the key and its owner (often an email address is used as identification)
    # -L local_port:remote_host:remote_port => forwards a local port to a remote server
    # -R remote_port:local_host:local_port => forwards a remote port to a local machine

ssh -p 2222 username@hostname
ssh -i /path/to/private_key username@hostname

ssh-keygen -t rsa -b 2048 -C "your_email@example.com"
ssh-copy-id username@hostname

ssh -L local_port:remote_host:remote_port username@hostname
ssh -R remote_port:local_host:local_port username@hostname

ssh-add -l
```

SSH config file

SSH settings are found in the `~/.ssh/config` filepath.

```
---------- SSH CONFIG FILE ----------
  -- hosts can be added to the SSH config file to allow for more convenient connection

Host example
    HostName example.com
```