# ****WEEK 8****

## ****Document 1 — Git-HOL****

**Commands:**

git config --global user.name "Your Name"

git config --global user.email "you@example.com"

mkdir GitDemo

cd GitDemo

git init

echo "Welcome to GitDemo" > welcome.txt

git add welcome.txt

git commit -m "Add welcome.txt"

git remote add origin <remote-repo-URL>

git push -u origin master

## ****Document 2 — .gitignore****

**Commands:**

\*.log

log/

git rm --cached \*.log

git rm -r --cached log/

git commit -m "Ignore log files and folder"

## ****Document 3 — Branching & Merging****

**Commands:**

git checkout -b GitNewBranch

echo "<sample>" > feature.txt

git add feature.txt

git commit -m "Add feature"

git checkout master

git merge GitNewBranch

git branch -d GitNewBranch

## ****Document 4 — Merge Conflicts****

**Commands:**

git checkout master

echo "<master change>" > hello.xml

git commit -am "Update on master"

git checkout GitWork

echo "<branch change>" > hello.xml

git commit -am "Update on branch"

git checkout master

git merge GitWork

git mergetool

git add hello.xml

git commit -m "Resolve conflict"

## ****Document 5 — Cleanup & Push****

**Commands:**

git status

git branch -a

git pull origin master

git push origin master

git stash

git stash pop

git reset --hard

## ****Document 9 — ReactJS ES6 Features****

**Snippet:**

const players = [...];

players.map(p => <div>{p.name}</div>);

const merged = [...arr1, ...arr2];

## ****Document 10 — JSX & CSS****

**Snippet:**

<p style={{color: rent<60000 ? 'red':'green'}}>Rent</p>

## ****Document 11 — Events****

**Snippet:**

function increment(){

setCount(c => c + 1);

}

## ****Document 12 — Conditional Rendering****

**Snippet:**

{loggedIn ? <UserPage/> : <GuestPage/>}

## ****Document 13 — Lists & Conditional****

**Snippet:**

blogs.map(b => <li key={b.id}>{b.title}</li>)