1. Clone using SSH
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9. **Clone using SSH**

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1. **Merge Conflict Resolution**

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution

$ git clone https://github.com/SolomonFensico/MergeConflict.git

Cloning into 'MergeConflict'...

remote: Enumerating objects: 3, done.

remote: Counting objects: 100% (3/3), done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Receiving objects: 100% (3/3), done.

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution

$ ls

MergeConflict/

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution

$ cd MergeConflict

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (main)

$ git checkout -b brach1

Switched to a new branch 'brach1'

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (brach1)

$ echo "This is Branch 1" > index.html

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (brach1)

$ git add index.html

warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (brach1)

$ git commit -m "Add index.html in Branch 1"

[brach1 fcfc8bc] Add index.html in Branch 1

1 file changed, 1 insertion(+)

create mode 100644 index.html

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (brach1)

$ git checkout -b branch2

Switched to a new branch 'branch2'

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2)

$ echo "This is Branch 2" > index/html

bash: index/html: No such file or directory

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2)

$ echo "This is Branch 2" > index.html

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2)

$ git add index.html

warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2)

$ git commit -m "add index.html in branch 2"

[branch2 ec1bc16] add index.html in branch 2

1 file changed, 1 insertion(+), 1 deletion(-)

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2)

$ git checkout branch1

error: pathspec 'branch1' did not match any file(s) known to git

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2)

$ git checkout brach1

Switched to branch 'brach1'

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (brach1)

$ echo "Modified content in Branch 1" >> index.html

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (brach1)

$ git commit -am "Modify index.html in Branch 1"

warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it

[brach1 57317d2] Modify index.html in Branch 1

1 file changed, 1 insertion(+)

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (brach1)

$ git checkout branch2

Switched to branch 'branch2'

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2)

$ echo "Modified content in Branch 2" >> index.html

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2)

$ git commit -am "Modify index.html in Branch 2"

warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it

[branch2 e762591] Modify index.html in Branch 2

1 file changed, 1 insertion(+)

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2)

$ git merge brach1

Auto-merging index.html

CONFLICT (content): Merge conflict in index.html

Automatic merge failed; fix conflicts and then commit the result.

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2|MERGING)

$ vi index.html

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2|MERGING)

$ vi index.html

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2|MERGING)

$ git merge brach1

error: Merging is not possible because you have unmerged files.

hint: Fix them up in the work tree, and then use 'git add/rm <file>'

hint: as appropriate to mark resolution and make a commit.

fatal: Exiting because of an unresolved conflict.

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2|MERGING)

$ git merge brach1

error: Merging is not possible because you have unmerged files.

hint: Fix them up in the work tree, and then use 'git add/rm <file>'

hint: as appropriate to mark resolution and make a commit.

fatal: Exiting because of an unresolved conflict.

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2|MERGING)

$ git add .

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2|MERGING)

$ git commit -m "new version that incorporates changes from both branches"

[branch2 c9c0191] new version that incorporates changes from both branches

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2)

$ git merge brach1

Already up to date.

Solomon@Workstation MINGW64 ~/Desktop/Git\_Assignments/Merge Conflict Resolution/MergeConflict (branch2)

$

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**Create AppService and FunctionApp (Read Consumption Plan vs App Service Plan)**

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