```
SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (master)
$ git init
Reinitialized existing Git repository in C:/Users/SevakNath/Desktop/git assignme
nt 2/school-website/.git/

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (master)
$ git add .

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (master)
$ git commit -m "changes"
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (master)
$ git branch branch1

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (master)
$ git checkout branch1
Switched to branch 'branch1'

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1)
$ git add .

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1)
$ git commit -m "changes"
[branch1 5bddc26] changes
 1 file changed, 5 insertions(+), 5 deletions(-)

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1)
$ git branch branch2

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1)
$ git branch branch1.1

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1)
$ git checkout branch1.1
Switched to branch 'branch1.1'
```

```
|MERGING)
$ git checkout branch1
error: you need to resolve your current index first
index.html: needs merge

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
|MERGING)
$ git checkout branch1
error: Your local changes to the following files would be overwritten by checkou
t:
        index.html
Please commit your changes or stash them before you switch branches.
Aborting

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
|MERGING)
$ git add .

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
|MERGING)
$ git commit -m "made changes"
[branch1.1 a0c3794] made changes

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
)
$ git checkout branch1
Switched to branch 'branch1'

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1)
$ git branch branch1.2

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1)
$ git checkout branch1.2
Switched to branch 'branch1.2'

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.2
)
$ git add .

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.2
)
$ git commit -m "made changes"
[branch1.2 e2c2362] made changes
 1 file changed, 3 insertions(+), 3 deletions(-)

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.2
)
$ git |
```

```
  (use "git restore --staged <file>..." to unstage)
        modified:   index.html

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch1)
$ git commit -m "Changes"
[branch1 c9eb20c] Changes
 1 file changed, 3 insertions(+), 3 deletions(-)

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch1)
$ git checkout master
Switched to branch 'master'

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ git branch branch2

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ git add .

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ git commit -m "changes"
[master 64b89ad] changes
 1 file changed, 1 insertion(+), 1 deletion(-)

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ git checkout branch2
Switched to branch 'branch2'

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch2)
$ git add .

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch2)
$ git commit -m "changes"
[branch2 04d6824] changes
 1 file changed, 1 insertion(+), 1 deletion(-)

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch2)
$ git checkout master
Switched to branch 'master'

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ git merge branch2
Auto-merging index.html
CONFLICT (content): Merge conflict in index.html
Automatic merge failed; fix conflicts and then commit the result.

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master|MERGING)
$ |
```

```
SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ git commit -m "add file"
[master (root-commit) ad707eb] add file
 1 file changed, 52 insertions(+)
 create mode 100644 index.html

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ git branch branch1

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ git checkout branch1
Switched to branch 'branch1'

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch1)
$ git status
On branch branch1
nothing to commit, working tree clean

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch1)
$ git add .

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch1)
$ git status
On branch branch1
nothing to commit, working tree clean

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch1)
$ git commit -m "changes1"
On branch branch1
nothing to commit, working tree clean

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch1)
$ git add .

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch1)
$ git status
On branch branch1
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   index.html


SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch1)
$ git commit -m "Changes"
[branch1 c9eb20c] Changes
 1 file changed, 3 insertions(+), 3 deletions(-)

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch1)
```

```
SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
)
$ git add .

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
)
$ git commit -m "changes"
[branch1.1 b173511] changes
 1 file changed, 3 insertions(+), 3 deletions(-)

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
)
$ git branch branch1.1.1

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
)
$ git checkout branch1.1.1
Switched to branch 'branch1.1.1'

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
.1)
$ git add .

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
.1)
$ git commit -m "changes"
[branch1.1.1 fe233cd] changes
 1 file changed, 4 insertions(+), 4 deletions(-)

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
.1)
$ git checkout branch1.1
Switched to branch 'branch1.1'

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
)
$ git branch branch1.1.2

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
)
$ git checkout branch1.1.2
Switched to branch 'branch1.1.2'

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
.2)
$ git add .
```

```
      . lang="en">
 19   />
 21   :header>
 79       <div class="sticky-wrapper">
 80           <div class="sticky-menu">
 91                   <a href="index.html" class="active">Home </a>
 92                   </li>
 93                   <li>
 94                       <a href="class.html">well ventileted Classrooms equipped with ac</a>
 95                           <a href="class.html">well ventileted Classrooms equipped with cooler</a>
 96                   </li>
 97                   <li>
 98                       <a href="teachers.html"> Experienced and well mannered Teachers</a>
 99                   </li>
100                   <li>
101                       <a href="events.html"> Events of national and international importance 2
102
103                   </li>
104                   <li>
105                       <a href="gallery.html">Gallery</a>
106                   </li>
107
108                       <li>
109                       <a href="contact-us.html">Contact Us /Email us/message us</a>
110                   </li>
111               </ul>
112           </nav>
113       </div>
114   </div>
115       </div>
```

```
Switched to branch 'master'

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ git branch branch2

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ git add .

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ git commit -m "changes"
[master 64b89ad] changes
 1 file changed, 1 insertion(+), 1 deletion(-)

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ git checkout branch2
Switched to branch 'branch2'

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch2)
$ git add .

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch2)
$ git commit -m "changes"
[branch2 04d6824] changes
 1 file changed, 1 insertion(+), 1 deletion(-)

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (branch2)
$ git checkout master
Switched to branch 'master'

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ git merge branch2
Auto-merging index.html
CONFLICT (content): Merge conflict in index.html
Automatic merge failed; fix conflicts and then commit the result.

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master|MERGING)
$ git add .

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master|MERGING)
$ git commit "changes"
fatal: cannot do a partial commit during a merge.

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master|MERGING)
$ git commit -m "changes"
[master fa7432b] changes

SevakNath@SevakNath MINGW64 ~/Desktop/Git Assignment (master)
$ |
```

Merge branch
'branch1.1' into
branch1

✓ Commit ⌄

∨ Merge Changes 1
</> index.html schoo... !
∨ Changes 0
Outgoing
> ⓣ branch1 3

l-website > </> index.html > ⬡ html > ⬡ body > ⬡ header > ⬡ div.sticky-wrapper > ⬡ div.sticky-menu > ⬡ div.grid-row.clear-fix > ⬡ nav.main-nav > ⬡ ul.clear-f

```
  2  ∨ <html lang="en">
 19  ∨ <body>
 21  ∨     <header>
 79  ∨         <div class="sticky-wrapper">
 80  ∨             <div class="sticky-menu">
101                         <a href="events.html"> Events of national and international importance 2k24</a>
102
103                     </li>
104                     <li>
105                         <a href="gallery.html">Gallery</a>
106                     </li>
107
108                     <li>
```
Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
```
109  <<<<<<< HEAD (Current Change)
110                         <a href="contact-us.html">Contact Us /Email us/message us</a>
111  =======
112                         <a href="contact-us.html">Contact Us /Email us/whatsapp us</a>
113  >>>>>>> branch1.1 (Incoming Change)
114                     </li>
115                 </ul>
116             </nav>
117         </div>
118     </div>
119     </div>
120     <!-- sticky menu -->
121  </header>
122  <!-- / page header -->
123  <!-- revolution slider -->
```
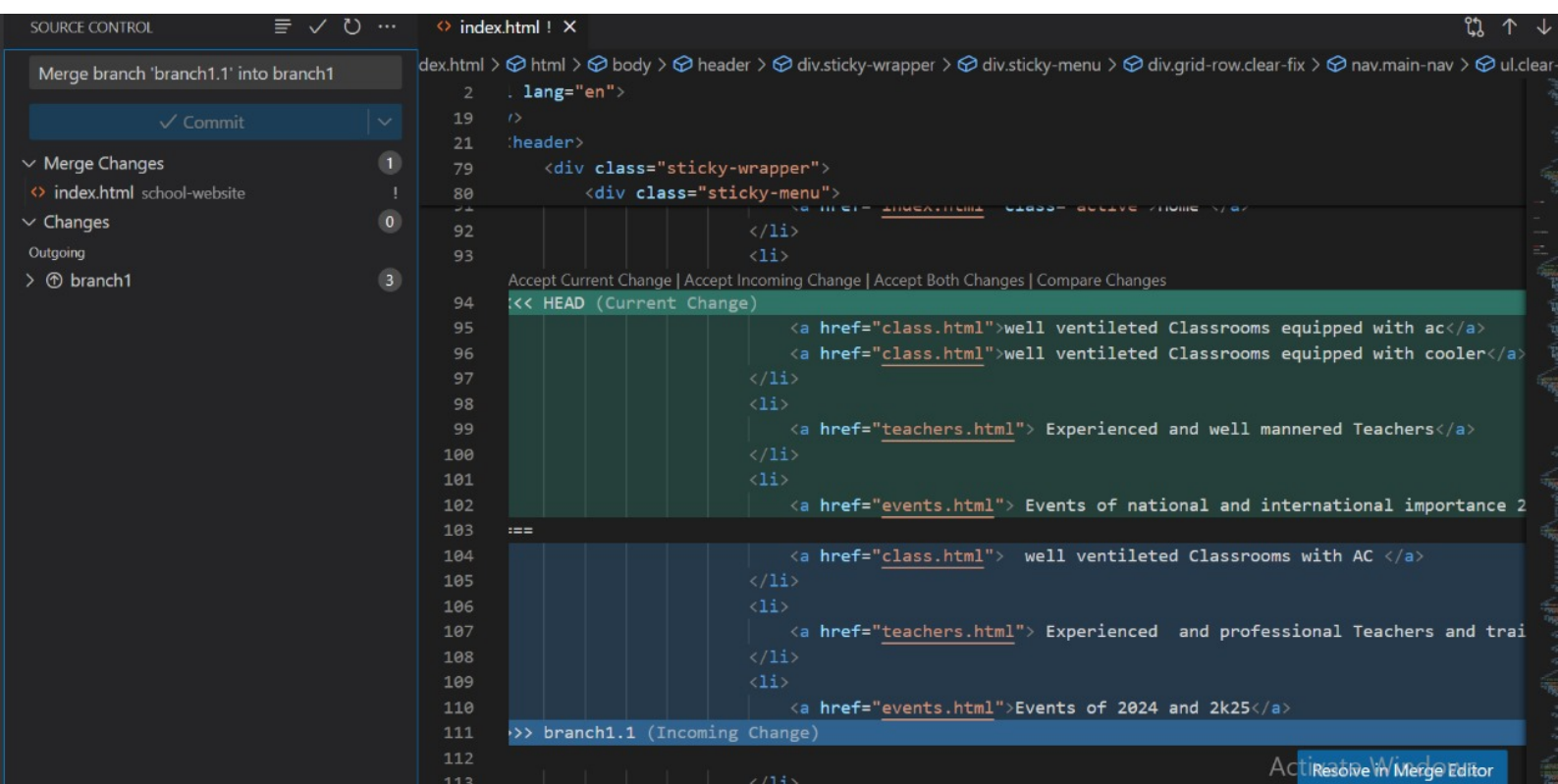
Resolve in Merge Editor

Merge branch 'branch1.1' into branch1

✓ Commit ∨

∨ Merge Changes 1
  ◇ index.html school-website !
∨ Changes 0
  Outgoing
  > ⊕ branch1 3

‹› index.html ! ✕

dex.html › ⊗ html › ⊗ body › ⊗ header › ⊗ div.sticky-wrapper › ⊗ div.sticky-menu › ⊗ div.grid-row.clear-fix › ⊗ nav.main-nav › ⊗ ul.clear-

```
  2    . lang="en">
 19    />
 21    :header>
 79        <div class="sticky-wrapper">
 80            <div class="sticky-menu">
 92                    </li>
 93                    <li>
       Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
 94    <<< HEAD (Current Change)
 95                        <a href="class.html">well ventileted Classrooms equipped with ac</a>
 96                        <a href="class.html">well ventileted Classrooms equipped with cooler</a>
 97                    </li>
 98                    <li>
 99                        <a href="teachers.html"> Experienced and well mannered Teachers</a>
100                    </li>
101                    <li>
102                        <a href="events.html"> Events of national and international importance 2
103    ===
104                        <a href="class.html">  well ventileted Classrooms with AC </a>
105                    </li>
106                    <li>
107                        <a href="teachers.html"> Experienced  and professional Teachers and trai
108                    </li>
109                    <li>
110                        <a href="events.html">Events of 2024 and 2k25</a>
111    >>> branch1.1 (Incoming Change)
112
113                    </li>
```

Activate Windows

Resolve in Merge Editor

index.html ! ✕

school-website › <> index.html › ⊗ html › ⊗ body › ⊗ header › ⊗ div.sticky-wrapper › ⊗ div.sticky-menu › ⊗ div.grid-row.clear-fix › ⊗ nav.main-nav › ⊗ ul.clear-fix › ⊗ li

```
 2      <html lang="en">
19      <body>
21          <header>
79              <div class="sticky-wrapper">
80                  <div class="sticky-menu">
93 ∨                     <li>
        Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
94      <<<<<<< HEAD (Current Change)
95                              <a href="class.html">  well ventileted Classrooms with AC and cooler</a>
96                      </li>
97 ∨                     <li>
98                          <a href="teachers.html"> Experienced  and professional Teachers having qualification of masters </a>
99                      </li>
100 ∨                    <li>
101                         <a href="events.html">current-Events of 2024 </a>
102     =======
103                             <a href="class.html">  well ventileted Classrooms with AC </a>
104                     </li>
105 ∨                    <li>
106                         <a href="teachers.html"> Experienced  and professional Teachers and trainee</a>
107                     </li>
108 ∨                    <li>
109                         <a href="events.html">Events of 2024 and 2k25</a>
110     >>>>>>> branch1.1.2 (Incoming Change)
111
112                     </li>
113 ∨                    <li>
114                         <a href="gallery.html">Gallery</a>
115                     </li>
```

```
SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1)
$ git commit -m "changes"
[branch1 d3f3b7d] changes
 1 file changed, 2 insertions(+), 1 deletion(-)

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1)
$ git checkout branch1.1
Switched to branch 'branch1.1'

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
)
$ git merge branch 1.1.1
merge: branch - not something we can merge

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
)
$

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
)
$ git merge branch1.1.1
Updating b173511..fe233cd
Fast-forward
 index.html | 8 ++++----
 1 file changed, 4 insertions(+), 4 deletions(-)

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
)
$ git merge branch1.1.2
Auto-merging index.html
CONFLICT (content): Merge conflict in index.html
Automatic merge failed; fix conflicts and then commit the result.

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
|MERGING)
$ git checkout branch1
error: you need to resolve your current index first
index.html: needs merge

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
|MERGING)
$ git checkout branch1
error: you need to resolve your current index first
index.html: needs merge

SevakNath@SevakNath MINGW64 ~/Desktop/git assignment 2/school-website (branch1.1
|MERGING)
```

```
<<<<<<< HEAD (Current Change)
    <a href="#">Home</a>
    <a href="#">More information</a>
=======
    <a href="#">Services</a>
    <a href="#">About</a>
>>>>>>> branch2 (Incoming Change)
    <a href="#">Contact</a>
```