

```
growlt369@grow-lt-369:~/ecommerce-project$ git switch main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
growlt369@grow-lt-369:~/ecommerce-project$ git merge feature-discount-calculation
Updating 3a9c85c..f6c543e
Fast-forward
 product.js | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)
growlt369@grow-lt-369:~/ecommerce-project$
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git merge feature-tax-calculation
Auto-merging product.js
CONFLICT (content): Merge conflict in product.js
Automatic merge failed; fix conflicts and then commit the result.
growlt369@grow-lt-369:~/ecommerce-project$
```

Feb 5 16:01

File Edit Selection View Go Run Terminal Help

Q ecommerce-project

EXPLORER

ECOMMERCE-PROJECT

JS product.js 3,1

README.md

JS product.js 3,1

class Product {
 constructor(name, price) {
 this.name = name;
 this.price = price;
 this.discount = 0;
 }
 getPrice() {
 <<<<<< HEAD (Current Change)
 return this.price - (this.price * this.discount / 100);
 =====
 const tax = 0.18; // 18% tax
 return this.price + (this.price * tax);
 >>>>>> feature-tax-calculation (Incoming Change)
 }
}
module.exports = Product;

Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes

Build with Agent

AI responses may be inaccurate.

Generate Agent Instructions to onboard AI onto your codebase.

Resolve in Merge Editor

product.js

Describe what to build next

Agent Auto

Ln 14, Col 2 Spaces: 4 UTF-8 LF { } JavaScript Signed out

Feb 5 16:01

File Edit Selection View Go Run Terminal Help

Q ecommerce-project

EXPLORER

ECOMMERCE-PROJECT

JS product.js

README.md

JS product.js

1 class Product {

2 constructor(name, price) {

3 this.name = name;

4 this.price = price;

5 this.discount = 0;

6 }

7 getPrice() {

8 return this.price - (this.price * this.discount / 100);

9 const tax = 0.18; // 18% tax

10 return this.price + (this.price * tax);

11 }

12 };

13 module.exports = Product;

14

CHAT

Build with Agent

AI responses may be inaccurate.

Generate Agent Instructions to onboard AI onto your codebase.

Resolve in Merge Editor

JS product.js

Describe what to build next

Agent Auto

Ln 11, Col 2 Spaces: 4 UTF-8 LF { } JavaScript Signed out

Feb 5 16:03

File Edit Selection View Go Run Terminal Help

Q ecommerce-project

EXPLORER

ECOMMERCE-PROJECT

JS product.js

README.md

JS product.js

Product > constructor

```
1 class Product {
2   constructor(name, price) {
3     this.name = name;
4     this.price = price;
5     this.discount = 0;
6   }
7   getPrice() {
8     const tax = 0.18;
9     const discountedPrice = this.price - (this.price * this.discount / 100);
10    return discountedPrice + (discountedPrice * tax);
11  }
12 }
13 module.exports = Product;
14
```

CHAT

Build with Agent

AI responses may be inaccurate.

Generate Agent Instructions to onboard AI onto your codebase.

product.js

Describe what to build next

Agent Auto

Ln 6, Col 2 Spaces: 4 UTF-8 LF { } JavaScript Signed out

Date: Thu Feb 5 16:04:28 2026 +0530

Date: Thu Feb 5 15:58:14 2026 +0530

Date: Thu Feb 5 15:56:58 2026 +0530

Date: Thu Feb 5 15:39:14 2026 +0530

Date: Thu Feb 5 15:31:43 2026 +0530

200

2

2

22

2

2

2

1992

2

2

2

(E)

1

(END)


```
commit f6c543e241040db8a915ecf01f63a6aa78b4a5a2 (feature-discount-calculation)
```

```
Author: Krishal <krishalkumar.dankhara@growexx.com>
```

```
Date: Thu Feb 5 15:56:58 2026 +0530
```

```
Add discount calculation
```

```
commit 3a9c85c61302d2bc411b56e664f2bd9003cfd2e7
```

```
Author: Krishal Dankhara <krishalkumar.dankhara@growexx.com>
```

```
Date: Thu Feb 5 15:39:14 2026 +0530
```

```
growlt369@grow-lt-369:~/ecommerce-project$
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git switch main
```

```
Already on 'main'
```

```
Your branch is up to date with 'origin/main'.
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git switch -c feature-user-authentication
```

```
Switched to a new branch 'feature-user-authentication'
```

```
growlt369@grow-lt-369:~/ecommerce-project$ touch auth.js
```

```
growlt369@grow-lt-369:~/ecommerce-project$ nano auth.js
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git status
```

```
On branch feature-user-authentication
```

```
Untracked files:
```

```
(use "git add <file>..." to include in what will be committed)
```

```
auth.js
```

```
nothing added to commit but untracked files present (use "git add" to track)
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git add .
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git commit -m "add login"
```

```
[feature-user-authentication fbda6ce] add login
```

```
1 file changed, 3 insertions(+)
```

```
create mode 100644 auth.js
```

```
growlt369@grow-lt-369:~/ecommerce-project$ nano auth.js
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git add .
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git commit -m "fix"
```

```
[feature-user-authentication a6a470d] fix
```

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

```
growlt369@grow-lt-369:~/ecommerce-project$ nano auth.js
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git add .
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git commit -m "add logout"
```

```
[feature-user-authentication 2b76a64] add logout
```

```
1 file changed, 3 insertions(+)
```

```
growlt369@grow-lt-369:~/ecommerce-project$ nano auth.js
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git add .
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git commit -m "oops forgot validation"
```

```
[feature-user-authentication 224ad9d] oops forgot validation
```

```
1 file changed, 3 insertions(+)
```

```
growlt369@grow-lt-369:~/ecommerce-project$ nano auth.js
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git add .
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git commit -m "typo fix"
```

```
[feature-user-authentication 2dd91fa] typo fix
```

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

```
growlt369@grow-lt-369:~/ecommerce-project$
```

commit 2dd91fa87f968411ba6a7571f1570369665757dd (HEAD -> feature-user-authentication)

Author: Krishal <krishalkumar.dankhara@growexx.com>

Date: Thu Feb 5 16:19:35 2026 +0530

typo fix

commit 224ad9de374a33475378f495d328217052ad8f63

Author: Krishal <krishalkumar.dankhara@growexx.com>

Date: Thu Feb 5 16:18:24 2026 +0530

oops forgot validation

commit 2b76a640607f9e9d1ad22061f42ae328fa6cf0aa

Author: Krishal <krishalkumar.dankhara@growexx.com>

Date: Thu Feb 5 16:17:39 2026 +0530

add logout

commit a6a470d88c416750da1c11a65e5c02a7b10b02de

Author: Krishal <krishalkumar.dankhara@growexx.com>

Date: Thu Feb 5 16:16:51 2026 +0530

fix

commit fbda6ce8c0da350988066d0481e08485d008f62a

Author: Krishal <krishalkumar.dankhara@growexx.com>

Date: Thu Feb 5 16:15:09 2026 +0530

add login

commit be0f854de4d29bc9927ad9ca49e39e60d9510f6b (origin/main, origin/HEAD, main)

Merge: f6c543e 02492de

Author: Krishal <krishalkumar.dankhara@growexx.com>

Date: Thu Feb 5 16:04:28 2026 +0530

Merge tax calculation with conflict resolution

commit 02492defa253f6830b8a5072a2176b6eb8341a39 (feature-tax-calculation)

Author: Krishal <krishalkumar.dankhara@growexx.com>

Date: Thu Feb 5 15:58:14 2026 +0530

Add tax calculation

commit f6c543e241040db8a915ecf01f63a6aa78b4a5a2 (feature-discount-calculation)

Author: Krishal <krishalkumar.dankhara@growexx.com>

Date: Thu Feb 5 15:56:58 2026 +0530

Add discount calculation

GNU nano 7.2

/home/growlt369/ecommerce-project/.git/rebase-merge/git-rebase-todo

```
pick f6c543e Add discount calculation
pick 02492de Add tax calculation
pick 21485fb add login
pick c6249ff add logout
pick 16f28f5 oops forgot validation
```

```
# Rebase 3a9c85c..16f28f5 onto 3a9c85c (5 commands)
```

#

```
# Commands:
```

```
# p, pick <commit> = use commit
```

```
# r, reword <commit> = use commit, but edit the commit message
```

```
# e, edit <commit> = use commit, but stop for amending
```

```
# s, squash <commit> = use commit, but meld into previous commit
```

```
# f, fixup [-C | -c] <commit> = like "squash" but keep only the previous
```

```
#      commit's log message, unless -C is used, in which case
```

```
#      keep only this commit's message; -c is same as -C but
```

```
#      opens the editor
```

```
# x, exec <command> = run command (the rest of the line) using shell
```

```
# b, break = stop here (continue rebase later with 'git rebase --continue')
```

```
# d, drop <commit> = remove commit
```

```
# l, label <label> = label current HEAD with a name
```

```
# t, reset <label> = reset HEAD to a label
```

```
# m, merge [-C <commit> | -c <commit>] <label> [# <oneline>]
```

```
#      create a merge commit using the original merge commit's
```

```
#      message (or the oneline, if no original merge commit was
```

```
#      specified); use -c <commit> to reword the commit message
```

```
# u, update-ref <ref> = track a placeholder for the <ref> to be updated
```

```
#      to this position in the new commits. The <ref> is
```

```
#      updated at the end of the rebase
```

#

```
# These lines can be re-ordered; they are executed from top to bottom.
```

#

```
# If you remove a line here THAT COMMIT WILL BE LOST.
```

#

```
# However, if you remove everything, the rebase will be aborted.
```

#

 ^G Help

^X Exit

^O Write Out

^R Read File

^W Where Is

^_ Replace

^K Cut

^U Paste

^T Execute

^J Justify

^C Location

^/_ Go To Line

M-U Undo

M-E Redo

M-A Set Mark

M-6 Copy

M-] To Bracket

^Q Where Was

M-Q Previous

M-W Next

^B Back

^F Forward

GNU nano 7.2

/home/growlt369/ecommerce-project/.git/rebase-merge/git-rebase-todo *

```
pick 983db76 feat: implement user login with validation
pick 71b0f8d feat: implement user logout functionality
pick 237c0e8 add login
pick 43fd6e2 add logout
reword e43e26a oops forgot validation
```

```
# Rebase 3a9c85c..e43e26a onto 3a9c85c (5 commands)
#
```

```
# Commands:
```

```
# p, pick <commit> = use commit
# r, reword <commit> = use commit, but edit the commit message
# e, edit <commit> = use commit, but stop for amending
# s, squash <commit> = use commit, but meld into previous commit
# f, fixup [-C | -c] <commit> = like "squash" but keep only the previous
#                               commit's log message, unless -C is used, in which case
#                               keep only this commit's message; -c is same as -C but
#                               opens the editor
# x, exec <command> = run command (the rest of the line) using shell
# b, break = stop here (continue rebase later with 'git rebase --continue')
# d, drop <commit> = remove commit
# l, label <label> = label current HEAD with a name
# t, reset <label> = reset HEAD to a label
# m, merge [-C <commit> | -c <commit>] <label> [# <oneline>]
#       create a merge commit using the original merge commit's
#       message (or the oneline, if no original merge commit was
#       specified); use -c <commit> to reword the commit message
# u, update-ref <ref> = track a placeholder for the <ref> to be updated
#                       to this position in the new commits. The <ref> is
#                       updated at the end of the rebase
#
# These lines can be re-ordered; they are executed from top to bottom.
#
# If you remove a line here THAT COMMIT WILL BE LOST.
#
# However, if you remove everything, the rebase will be aborted.
#
```

```
^G Help
^X Exit
```

```
^O Write Out
^R Read File
```

```
^W Where Is
^N Replace
```

```
^K Cut
^U Paste
```

```
^T Execute
^J Justify
```

```
^C Location
^_ Go To Line
```

```
M-U Undo
M-E Redo
```

```
M-A Set Mark
M-6 Copy
```

```
M-] To Bracket
^Q Where Was
```

```
M-Q Previous
M-W Next
```

```
^B Back
^F Forward
```

```
[detached HEAD f0bd35b] feat: implement user logout functionality
Date: Thu Feb 5 15:58:14 2026 +0530
2 files changed, 11 insertions(+)
create mode 100644 auth.js
Successfully rebased and updated refs/heads/feature-user-authentication.
growlt369@grow-lt-369:~/ecommerce-project$ git log --oneline
287fb46 (HEAD -> feature-user-authentication) feat: add password validation helper
f0bd35b feat: implement user logout functionality
983db76 feat: implement user login with validation
3a9c85c Initial product class
8ff5c61 Initial commit
growlt369@grow-lt-369:~/ecommerce-project$ git log
commit 287fb46280504533c73405563a570178e74a5e18 (HEAD -> feature-user-authentication)
Author: Krishal <krishalkumar.dankhara@growexx.com>
Date: Thu Feb 5 16:18:24 2026 +0530

    feat: add password validation helper

    typo fix

commit f0bd35b45cdbca460eca16e22038f0ef47c598aa
Author: Krishal <krishalkumar.dankhara@growexx.com>
Date: Thu Feb 5 15:58:14 2026 +0530

    feat: implement user logout functionality

    add login

    fix

    add logout

commit 983db7645a5af627a26259f5b72601d42076723d
Author: Krishal <krishalkumar.dankhara@growexx.com>
Date: Thu Feb 5 15:56:58 2026 +0530

    feat: implement user login with validation

commit 3a9c85c61302d2bc411b56e664f2bd9003cfd2e7
Author: Krishal Dankhara <krishalkumar.dankhara@growexx.com>
Date: Thu Feb 5 15:39:14 2026 +0530

    Initial product class

commit 8ff5c617df9a595bbe51e11b8d9af383bde28ab0
Author: krishaldankhara-growexxer <krishalkumar.dankhara@growexx.com>
Date: Thu Feb 5 15:31:43 2026 +0530

    Initial commit
growlt369@grow-lt-369:~/ecommerce-project$
```


growlt369@grow-lt-369:~/ecommerce-project\$ history

```
1 cd ..
2 git clone https://github.com/krishaldankhara-growexxer/ecommerce-project.git
3 ls
4 cd ecommerce-project
5 git init
6 ls
7 touch product.js
8 nano product.js
9 git status
10 git add .
11 git status
12 git commit -m "Initial product class"
13 git push origin main
14 git config --global user.name "Krishal"
15 git config --global user.email "krishalkumar.dankhara@growexx.com"
16 git push origin main
17 git@github.com
18 gh auth login
19 git remote -v
20 git push origin main
21 git switch -c feature-discount-calculation
22 nano product.js
23 git status
24 git add .
25 git commit -m "Add discount calculation"
26 git switch main
27 git switch -c feature-tax-calculation
28 git status
29 git add .
30 git commit -m "Add tax calculation"
31 git switch main
32 git merge feature-discount-calculation
33 git merge feature-tax-calculation
34 git status
35 git add .
36 git commit -m "Merge tax calculation with conflict resolution"
37 git merge feature-tax-calculation
38 git push origin main
39 git branch
40 git log
41 git switch main
42 git switch -c feature-user-authentication
43 touch auth.js
44 nano auth.js
45 git status
46 git add .
47 git commit -m "add login"
48 nano auth.js
49 git add .
50 git commit -m "fix"
```

```
47 git commit -m "add login"
48 nano auth.js
49 git add .
50 git commit -m "fix"
51 nano auth.js
52 git add .
53 git commit -m "add logout"
54 nano auth.js
55 git add .
56 git commit -m "oops forgot validation"
57 nano auth.js
58 git add .
59 git commit -m "typo fix"
60 git log
61 git rebase -i HEAD~5
62 git log --oneline
63 git rebase -i HEAD~5
64 rm -fr ".git/rebase-merge"
65 git rebase -i HEAD~5
66 git log
67 git branch
68 git rebase -i HEAD~5
69 git switch feature-user-authentication
70 git status
71 git add .
72 git commit -m "resolved rebase conflicts"
73 git status
74 git rebase -i HEAD~5
75 git rebase -i HEAD
76 git rebase -i HEAD~1
77 git rebase -i HEAD~3
78 git rebase -i HEAD~4
79 git rebase -i HEAD~3
80 git branch
81 git switch feature-user-authentication
82 git log
83 git rebase -i HEAD~5
84 git log --oneline
85 git switch feature-user-authentication
86 git log
87 git switch feature-user-authentication
88 git rebase --quit
89 git switch feature-user-authentication
90 git merge feature-user-authentication
91 git status
92 git add .
93 git commit -m "resolved conflicts"
94 git switch feature-user-authentication
95 git log --oneline
96 git rebase -i HEAD~5
97 git status
```

```
87 git switch feature-user-authentication
88 git rebase --quit
89 git switch feature-user-authentication
90 git merge feature-user-authentication
91 git status
92 git add .
93 git commit -m "resolved conflicts"
94 git switch feature-user-authentication
95 git log --oneline
96 git rebase -i HEAD~5
97 git status
98 git add .
99 git commit -m "reworded"
100 git log
101 git log --oneline
102 git switch feature-user-authentication
103 git rebase --quit
104 git switch feature-user-authentication
105 git rebase -i HEAD~5
106 git add .
107 git rebase --continue
108 git log --oneline
109 git rebase -i HEAD~5
110 git status
111 git rebase --continue
112 git log --oneline
113 git rebase -i HEAD~5
114 git log --oneline
115 git rebase -i HEAD~5
116 git log --oneline
117 git log
118 git log --oneline
119 git push origin main
120 touch explanation.txt
121 nano explanation.txt
122 git status
123 git add .
124 git commit -m "write explanation for force push"
125 git push origin main
126 git status
127 git switch main
128 git merge feature-user-authentication
129 git status
130 git add .
131 git commit -m "conflict resolved"
132 git merge feature-user-authentication
133 git push origin main
134 clear
135 history
```

growlt369@grow-lt-369:~/ecommerce-project\$


```
growlt369@grow-lt-369:~/ecommerce-project$ git log --oneline --graph --all
* 5e6e542 (HEAD -> feature-user-profile) Add profile update with security
| * 798a9de (hotfix-security) Add input sanitization for security
| * e9b43fb Add Products API endpoint
|/
* 3aee1ae (main) Add server startup configuration
| * c6e211d (feature-api-endpoints) Add users API endpoint
|/
* 6aa65d4 initial setup
* 1b35bd6 (origin/main, origin/HEAD) conflict resolved
\
| * f49b8fa (feature-user-authentication) write explanation for force push
| * 287fb46 feat: add password validation helper
| * f0bd35b feat: implement user logout functionality
| * 983db76 feat: implement user login with validation
| * | be0f854 Merge tax calculation with conflict resolution
|/ \
| * | 02492de (feature-tax-calculation) Add tax calculation
|/
| * / f6c543e (feature-discount-calculation) Add discount calculation
|/
* 3a9c85c Initial product class
* 8ff5c61 Initial commit
growlt369@grow-lt-369:~/ecommerce-project$
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git stash apply
On branch feature-payment-integration
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   payment.js
        new file:   task-3-explanation

growlt369@grow-lt-369:~/ecommerce-project$ git add .
growlt369@grow-lt-369:~/ecommerce-project$ git commit -m "Complete paymentprocessor implementation"
[feature-payment-integration 00ca2ed] Complete paymentprocessor implementation
2 files changed, 15 insertions(+)
create mode 100644 payment.js
create mode 100644 task-3-explanation
growlt369@grow-lt-369:~/ecommerce-project$ git stash drop
Dropped refs/stash@{0} (037692114f6a0032885b6d40039b1657940f4a9b)
growlt369@grow-lt-369:~/ecommerce-project$
```

```
growlt369@grow-lt-369:~/ecommerce-project$ git log
commit 44d8692a4d6409bbcd2c35b70d028e0e82651b5 (HEAD -> main, bugfix-crash-on-empty-cart)
Author: Krishal <krishalkumar.dankhara@growexx.com>
Date: Thu Feb 5 17:23:32 2026 +0530
```

Fix crash when cart is empty

```
commit 3aee1aedece85cd1961e531a44e928465bb50030
Author: Krishal <krishalkumar.dankhara@growexx.com>
Date: Thu Feb 5 17:08:56 2026 +0530
```

Add server startup configuration

```
commit 6aa65d4fe14c15105392066237c5e9de34ecaa54
Author: Krishal <krishalkumar.dankhara@growexx.com>
Date: Thu Feb 5 17:06:48 2026 +0530
```

initial setup

```
commit 1b35bd6c65f3280135763173517f44a3bfeca533 (origin/main, origin/HEAD)
Merge: be0f854 f49b8fa
Author: Krishal <krishalkumar.dankhara@growexx.com>
Date: Thu Feb 5 17:01:30 2026 +0530
```

conflict resolved

```
commit f49b8fa676dc277fca1b3f7fb2898d39e02ce5d2 (feature-user-authentication)
Author: Krishal <krishalkumar.dankhara@growexx.com>
Date: Thu Feb 5 16:58:22 2026 +0530
```

write explanation for force push

```
commit 287fb46280504533c73405563a570178e74a5e18
Author: Krishal <krishalkumar.dankhara@growexx.com>
Date: Thu Feb 5 16:18:24 2026 +0530
```

feat: add password validation helper

typo fix

```
commit f0bd35b45cdbc460eca16e22038f0ef47c598aa
Author: Krishal <krishalkumar.dankhara@growexx.com>
Date: Thu Feb 5 15:58:14 2026 +0530
```

feat: implement user logout functionality

add login

fix

Feb 5 17:28

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github.com/krishaldankhara-growexxer/ecommerce-project/network

krishaldankhara-growexxer / ecommerce-project

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Actions performance metrics

Network graph

Timeline of the most recent commits to this repository and its network ordered by most recently pushed to.

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krishaldankhara-growexxer	

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BRANCH / TAG

GRAPH

COMMIT MESSAGE

// WIP +1

feature-paym...



bugfix-...



feature-user-p...



hotfix-security



feature-api-en...



Initial setup



conflict resolved



write explanation for force push

