Applying commit from another branch with rebase (commit with “light and dark themes” from ui branch)

Denys\_Bielienskyi@EPUAKYIW092F MINGW64 /d/temp/mentoring\_git\_task (ui)

$ git log --oneline -5

d1e81a7 (HEAD -> ui, origin/ui) add buttons animation

02a3470 add light and dark themes

f869514 (tag: v0.1, origin/development, development, basic\_functional) add square root extraction

94e4a23 add multiplication and division

5b31be6 add addition and substraction

//creating temporary branch to copy and safely store commit

Denys\_Bielienskyi@EPUAKYIW092F MINGW64 /d/temp/mentoring\_git\_task (ui)

$ git checkout -b temp 02a3470

Switched to a new branch 'temp'

Denys\_Bielienskyi@EPUAKYIW092F MINGW64 /d/temp/mentoring\_git\_task (temp)

$ git switch main

Switched to branch 'main'

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

Denys\_Bielienskyi@EPUAKYIW092F MINGW64 /d/temp/mentoring\_git\_task (temp)

$ git rebase --onto main temp^

error: could not apply 02a3470... add light and dark themes

Resolve all conflicts manually, mark them as resolved with

"git add/rm <conflicted\_files>", then run "git rebase --continue".

You can instead skip this commit: run "git rebase --skip".

To abort and get back to the state before "git rebase", run "git rebase --abort".

Could not apply 02a3470... add light and dark themes

Auto-merging some\_abstract\_calculator\_program.txt

CONFLICT (content): Merge conflict in some\_abstract\_calculator\_program.txt

//resolved conflict

Denys\_Bielienskyi@EPUAKYIW092F MINGW64 /d/temp/mentoring\_git\_task (temp|REBASE 1/1)

$ git add .

Denys\_Bielienskyi@EPUAKYIW092F MINGW64 /d/temp/mentoring\_git\_task (temp|REBASE 1/1)

$ git rebase --continue

[detached HEAD 3bf372c] add light and dark themes

1 file changed, 2 insertions(+), 1 deletion(-)

Successfully rebased and updated refs/heads/temp.

Denys\_Bielienskyi@EPUAKYIW092F MINGW64 /d/temp/mentoring\_git\_task (temp)

$ git log --oneline -4

462d70d (HEAD -> temp) add light and dark themes

480e4f3 (origin/main, origin/HEAD, main) add large numbers support

f869514 (tag: v0.1, origin/development, development, basic\_functional) add square root extraction

94e4a23 add multiplication and division

// we now have a temp branch with needed commit and can marge it to main

Denys\_Bielienskyi@EPUAKYIW092F MINGW64 /d/temp/mentoring\_git\_task (temp)

$ git checkout main

Switched to branch 'main'

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

Denys\_Bielienskyi@EPUAKYIW092F MINGW64 /d/temp/mentoring\_git\_task (main)

$ git merge temp

Updating 480e4f3..462d70d

Fast-forward

some\_abstract\_calculator\_program.txt | 3 ++-

1 file changed, 2 insertions(+), 1 deletion(-)

// main branch with commit from the center of ui branch

Denys\_Bielienskyi@EPUAKYIW092F MINGW64 /d/temp/mentoring\_git\_task (main)

$ git log --oneline -4

462d70d (HEAD -> main, temp) add light and dark themes

480e4f3 (origin/main, origin/HEAD) add large numbers support

f869514 (tag: v0.1, origin/development, development, basic\_functional) add square root extraction

94e4a23 add multiplication and division

Applying commit from another branch with cherry-pick (commit with “large numbers support” from additional functional branch)

Denys\_Bielienskyi@EPUAKYIW092F MINGW64 /d/temp/mentoring\_git\_task (additional\_functional

)

$ git switch main

Switched to branch 'main'

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

Denys\_Bielienskyi@EPUAKYIW092F MINGW64 /d/temp/mentoring\_git\_task (main)

$ git cherry-pick 8d88da81c13d9ad426618006de9cef90e85d5353

[main 480e4f3] add large numbers support

Date: Sun May 23 20:00:46 2021 +0300

1 file changed, 2 insertions(+), 1 deletion(-)

Denys\_Bielienskyi@EPUAKYIW092F MINGW64 /d/temp/mentoring\_git\_task (main)

$ git log --oneline -3

480e4f3 (HEAD -> main) add large numbers support

f869514 (tag: v0.1, origin/main, origin/development, origin/HEAD, development, basic\_functional) add square root extraction

94e4a23 add multiplication and division