**GIT MODULE**

Set up and init local repo

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1.Change your system,global,repo config











A screenshot of a computer

Description automatically generated with medium confidence





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2.Add some aliases

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Description automatically generated3.Make initial commit

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4. Create develop branch. Check out on it

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A screenshot of a computer

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5.Create empty index.html file. Commit

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6.Create another branch. Check out on it. Add come images folder with images in it. Commit

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7.Change index.html. Add some image src . Commit

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8.Go back to develop branch

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9. Create another branch. Check out on it. Add come styles folder with style source in it. Commit

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10.Change index.html. Add some styles inside it. Commit

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11.Go to develop branch

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12.Merge two new branches into development using merge command

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14.Merge develop into master

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15.Repeat 6-14 once more, but now use git rebase for merging. Create situation with conflict

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Now change index.html, but not commit and go back to develop branch

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A screenshot of a computer

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Now change index.html being in myBranch, commit it and rebase newStyleBranch

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Now change index.html being in master without commit and rebase myBranch

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Description automatically generated Graphical user interface, text, application, chat or text message

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16.Inspect repo with log command

a) git log -p -2

git log -p --word-diff -2

{+ +} , [- -]

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b) git log –stat list of files changed, number of files changed, number of added/deleted lines

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c) git log –pretty=oneline each commit in separate line

Graphical user interface, text, application, chat or text message

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git log –pretty=format:”%h - %an, %ar : %s”

Параметр Описание выводимых данных

%H Хеш коммита

%h Сокращённый хеш коммита

%T Хеш дерева

%t Сокращённый хеш дерева

%P Хеши родительских коммитов

%p Сокращённые хеши родительских коммитов

%an Имя автора

%ae Электронная почта автора

%ad Дата автора (формат соответствует параметру `--date=`)

%ar Дата автора, относительная (пр. "2 мес. назад")

%cn Имя коммитера

%ce Электронная почта коммитера

%cd Дата коммитера

%cr Дата коммитера, относительная

%s Комментарий

git log --pretty=format: ”%h %s” --graph

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d) git log –author / git log –committer

git log –grep search by key words in messages

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git log –author “..” --grep “..” search with OR

git log –author “..” --grep “..” --all-match search with AND

git log –“path to the file or dir” search those affected by commits