```
MINGW64:/c/[git-master]/grst
                                                                krdl@desktop-io7mck4 Mingw64 /c/[git-master]/gffm (main)
$ cd ..
 krdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master] (main)
  git init grst
Initialized empty Git repository in C:/[git-master]/grst/.git/
 gkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master] (main)
$ cd grst
 krdl@desktop-io7mck4 mingw64 /c/[git-master]/grst (main)
 ehco 123 > h
bash: ehco: command not found
 qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
 ait add h
 krdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
  git commit -m Numeric
[main (root-commit) e5f87b2] Numeric
1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 h
 krdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
 echo ABC >> h
 krdl@desktop-io7mck4 MINGw64 /c/[git-master]/grst (main)
 git commit -am Alphabet
[main d1beb06] Alphabet
1 file changed, 1 insertion(+)
 krdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
 echo AB12 >> h
 krdl@desktop-io7mck4 mingw64 /c/[git-master]/grst (main)
```

```
MINGW64:/c/[git-master]/grst
 krdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
 git commit -am Alphanumeric
[main fcb6889] Alphanumeric
1 file changed, 1 insertion(+)
 krdl@desktop-io7mck4 Mingw64 /c/[git-master]/grst (main)
 git add h
 krdl@desktop-io7mck4 mingw64 /c/[git-master]/grst (main)
 echo '[1, 2]' >> h
 krdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
 git add h
 $ echo '{1, 2}' >> h
 krdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
 git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
       modified:
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working direct
ory)
       modified: h
 krdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
```

```
MINGW64:/c/[git-master]/grst
                                                 krdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
 git stash
Saved working directory and index state WIP on main: fcb6889 Alphan
umeric
git stash list
stash@{0}: WIP on main: fcb6889 Alphanumeric
gkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
 git lgag1
   80e9c4d (refs/stash) WIP on main: fcb6889 Alphanumeric
 * ec444bb index on main: fcb6889 Alphanumeric
 fcb6889 (HEAD -> main) Alphanumeric
 d1beb06 Alphabet
 e5f87b2 Numeric
ait status
on branch main
nothing to commit, working tree clean
$ cat h
ABC
AB12
rkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
 git reset --hard ORIG_HEAD
HEAD is now at fcb6889 Alphanumeric
$ cat h
ABC
AB12
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
```

```
gkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
$ git reset --hard ORIG_HEAD
HEAD is now at fcb6889 Alphanumeric
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
$ git status
On branch main
nothing to commit, working tree clean
gkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
$ cat h
ABC
AB12
gkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
$ git log --oneline
fcb6889 (HEAD -> main) Alphanumeric
d1beb06 Alphabet
e5f87b2 Numeric
gkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
$ git diff
gkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
$ git digg HEAD
git: 'digg' is not a git command. See 'git --help'.
The most similar command is
       diff
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
$ git diff HEAD
```

MINGW64:/c/[git-master]/grst

```
MINGW64:/c/[git-master]/grst
                                                     - □ ×
AB12
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
$ git log --ontline
fatal: unrecognized argument: --ontline
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
 git log --onnline
fatal: unrecognized argument: --onnline
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
 git log --oneline
d1beb06 (HEAD -> main) Alphabet
e5f87b2 Numeric
git diff
$ git diff HEAD
diff --git a/h b/h
index 5da849b..157bc36 100644
--- a/h
+++ b/h
@@ -1 +1,2 @@
ABC
+AB12
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
 git diff --staged
diff --git a/h b/h
index 5da849b..157bc36 100644
--- a/h
+++ b/h
00 -1 +1,2 00
ABC
+AB12
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
```

```
MINGW64:/c/[git-master]/grst
$ git status
on branch main
nothing to commit, working tree clean
gkrd]@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
$ cat h
ABC
AB12
gkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
$ git stash apply --index
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
       modified: h
Changes not staged for commit:
 (use "git add <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working direc
ory)
       modified: h
$ git status
on branch main
Changes to be committed:
 (use "git restore --staged <file>..." to unstage)
       modified: h
Changes not staged for commit:
 (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working direct
ory)
       modified: h
gkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
```

```
MINGW64:/c/[git-master]/grst
d1beb06 Alphabet
e5f87b2 Numeric
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
$ git diff
diff --git a/h b/h
index a681b06..a8a83f3 100644
 --- a/h
+++ b/h
@@ -1,3 +1,4 @@
 ABC
 AB12
 [1, 2]
-\{1, 2\}
gkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
$ git diff HEAD
diff --git a/h b/h
index 157bc36..a8a83f3 100644
--- a/h
+++ b/h
@@ -1,2 +1,4 @@
 ABC
 AB12
 -[1, 2]
+\{1, 2\}
qkrd1@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
$ git diff --staged
diff --git a/h b/h
index 157bc36..a681b06 100644
 --- a/h
+++ b/h
@@ -1,2 +1,3 @@
 ABC
 AB12
 -[1, 2]
gkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
```

```
MINGW64:/c/[git-master]/grst
$ git checkout HEAD~
Note: switching to 'HEAD~'.
You are in 'detached HEAD' state. You can look around, make expe
changes and commit them, and you can discard any commits you make
state without impacting any branches by switching back to a branc
If you want to create a new branch to retain commits you create,
do so (now or later) by using -c with the switch command. Example
 git switch -c <new-branch-name>
Or undo this operation with:
 git switch -
Turn off this advice by setting config variable advice.detachedHe
to false
HEAD is now at d1beb06 Alphabet
gkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst ((d1beb06...))
$ cat h
ABC
$ git log --oneline
d1beb06 (HEAD) Alphabet
e5f87b2 Numeric
gkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst ((d1beb06...))
$ git checkout main
Previous HEAD position was d1beb06 Alphabet
Switched to branch 'main'
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/grst (main)
```