

ОТЧЕТ

ПО ЛАБОРАТОРНОЙ РАБОТЕ №1

Саранцевой Дарьи

Вариант 18

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> vim circle.py
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   circle.py

no changes added to commit (use "git add" and/or "git commit -a")
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git commit -m "without changes"
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   circle.py

no changes added to commit (use "git add" and/or "git commit -a")
lol@porphyriacus ~/B/4/I/L/geometric_lib (main) [1]> git add circle.py
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   circle.py

lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git commit -m "with changes in circle.py"
[main 3461591] with changes in circle.py
Committer: daria_sarantseva <lol@porphyriacus.localdomain>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

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

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> mv circle.py circle_v2.py
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    circle.py

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        circle_v2.py

no changes added to commit (use "git add" and/or "git commit -a")
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> touch new_file
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    circle.py

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        circle_v2.py
        new_file

no changes added to commit (use "git add" and/or "git commit -a")
```

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git branch -a
  IGI
  IGI_LR1
  IGI_LR2
  IGI_LR3
  IGI_LR4
  IGI_LR5
  STRWEB
  STRWEB_LR1
  STRWEB_LR2
  STRWEB_LR3
  STRWEB_LR4
* main
  remotes/origin/HEAD → origin/main
  remotes/origin/develop
  remotes/origin/feature
  remotes/origin/main
  remotes/origin/release
```

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log
commit 19131c3d169f9ef179f7cae77e6e701e8d9a253f (HEAD → main)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date:   Sun Feb 15 18:25:38 2026 +0300

    +new_file, circle.py → circle_v2.py

commit 3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date:   Sun Feb 15 18:08:38 2026 +0300

    with changes in circle.py

commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)
Author: smartiga <info@smartiga.ru>
Date:   Thu Mar 4 14:55:29 2021 +0300

    L-03: Docs added

commit 8ba9aeb3cea847b63a91ac378a2a6db758682460
Author: smartiga <info@smartiga.ru>
Date:   Thu Mar 4 14:54:08 2021 +0300

    L-03: Circle and square added
```



```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log -2
commit 19131c3d169f9ef179f7cae77e6e701e8d9a253f (HEAD -> main)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:25:38 2026 +0300

    +new_file, circle.py -> circle_v2.py

commit 3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:08:38 2026 +0300

    with changes in circle.py
```

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log --after="2026-01-01"
commit 19131c3d169f9ef179f7cae77e6e701e8d9a253f (HEAD -> main)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:25:38 2026 +0300

    +new_file, circle.py -> circle_v2.py

commit 3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:08:38 2026 +0300

    with changes in circle.py
```

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log --before="2026-01-01"
commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)
Author: smartika <info@smartika.ru>
Date: Thu Mar 4 14:55:29 2021 +0300
```

L-03: Docs added

```
commit 8ba9aeb3cea847b63a91ac378a2a6db758682460
Author: smartika <info@smartika.ru>
Date: Thu Mar 4 14:54:08 2021 +0300
```

L-03: Circle and square added

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log --after="yesterday" --until="today"
commit 19131c3d169f9ef179f7cae77e6e701e8d9a253f (HEAD -> main)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:25:38 2026 +0300

    +new_file, circle.py -> circle_v2.py

commit 3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:08:38 2026 +0300

    with changes in circle.py
```

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log --author="smartika"
commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)
Author: smartika <info@smartika.ru>
Date: Thu Mar 4 14:55:29 2021 +0300
```

L-03: Docs added

```
commit 8ba9aeb3cea847b63a91ac378a2a6db758682460
Author: smartika <info@smartika.ru>
Date: Thu Mar 4 14:54:08 2021 +0300
```

L-03: Circle and square added

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log --grep="square"
commit 8ba9aeb3cea847b63a91ac378a2a6db758682460
Author: smartika <info@smartika.ru>
Date: Thu Mar 4 14:54:08 2021 +0300

    L-03: Circle and square added

lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log --grep="circle"
commit 19131c3d169f9ef179f7cae77e6e701e8d9a253f (HEAD -> main)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:25:38 2026 +0300

    +new_file, circle.py -> circle_v2.py

commit 3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:08:38 2026 +0300

    with changes in circle.py
```

```

commit 19131c3d169f9ef179f7cae77e6e781e8d9a253f (HEAD → main)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:25:38 2026 +0300

    +new_file, circle.py → circle_v2.py

diff --git a/circle.py b/circle_v2.py
similarity index 100%
rename from circle.py
rename to circle_v2.py
diff --git a/new_file b/new_file
new file mode 100644
index 0000000..e69de29

commit 3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:08:38 2026 +0300

    with changes in circle.py

diff --git a/circle.py b/circle.py
index c3eb864..f4cb300 100644
--- a/circle.py
+++ b/circle.py
@@ -1,5 +1,5 @@
import math
+
def area(r):
    return math.pi * r * r

commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)
Author: smartiga <info@smartiga.ru>
Date: Thu Mar 4 14:55:29 2021 +0300

    L-03: Docs added

```

```

lol@porphyriacus ~/B/4/I/L/geometric_lib (main) [SIGHUP]> git log --stat
commit 19131c3d169f9ef179f7cae77e6e781e8d9a253f (HEAD → main)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:25:38 2026 +0300

    +new_file, circle.py → circle_v2.py

circle.py ⇒ circle_v2.py | 0
new_file | 0
2 files changed, 0 insertions(+), 0 deletions(-)

commit 3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:08:38 2026 +0300

    with changes in circle.py

circle.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)
Author: smartiga <info@smartiga.ru>
Date: Thu Mar 4 14:55:29 2021 +0300

    L-03: Docs added

docs/README.md | 10 ++++++++
1 file changed, 10 insertions(+)

commit 8ba9aeb3cea847b63a91ac378a2a6db758682460
Author: smartiga <info@smartiga.ru>
Date: Thu Mar 4 14:54:08 2021 +0300

    L-03: Circle and square added

circle.py | 10 ++++++++
square.py | 7 +++++
2 files changed, 17 insertions(+)

```



```

lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log --shortstat
commit 19131c3d169f9ef179f7cae77e6e701e8d9a253f (HEAD → main)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:25:38 2026 +0300

    +new_file, circle.py → circle_v2.py

2 files changed, 0 insertions(+), 0 deletions(-)

commit 3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:08:38 2026 +0300

    with changes in circle.py

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

commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)
Author: smartiga <info@smartiga.ru>
Date: Thu Mar 4 14:55:29 2021 +0300

    L-03: Docs added

1 file changed, 10 insertions(+)

commit 8ba9aeb3cea847b63a91ac378a2a6db758682460
Author: smartiga <info@smartiga.ru>
Date: Thu Mar 4 14:54:08 2021 +0300

    L-03: Circle and square added

2 files changed, 17 insertions(+)

```

```

lol@porphyriacus ~/B/4/I/L/geometric_lib (main) [128]> git log --name-only
commit 19131c3d169f9ef179f7cae77e6e701e8d9a253f (HEAD → main)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:25:38 2026 +0300

    +new_file, circle.py → circle_v2.py

circle_v2.py
new_file

commit 3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:08:38 2026 +0300

    with changes in circle.py

circle.py

commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)
Author: smartiga <info@smartiga.ru>
Date: Thu Mar 4 14:55:29 2021 +0300

    L-03: Docs added

docs/README.md

commit 8ba9aeb3cea847b63a91ac378a2a6db758682460
Author: smartiga <info@smartiga.ru>
Date: Thu Mar 4 14:54:08 2021 +0300

    L-03: Circle and square added

circle.py
square.py

```

```

lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log --name-status
commit 19131c3d169f9ef179f7cae77e6e701e8d9a253f (HEAD → main)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:25:38 2026 +0300

    +new_file, circle.py → circle_v2.py

R100    circle.py      circle_v2.py
A       new_file

commit 3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:08:38 2026 +0300

    with changes in circle.py

M       circle.py

commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)
Author: smartiga <info@smartiga.ru>
Date: Thu Mar 4 14:55:29 2021 +0300

    L-03: Docs added

A       docs/README.md

commit 8ba9aeb3cea847b63a91ac378a2a6db758682460
Author: smartiga <info@smartiga.ru>
Date: Thu Mar 4 14:54:08 2021 +0300

    L-03: Circle and square added

A       circle.py
A       square.py

```

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log --relative-date
commit 19131c3d169f9ef179f7cae77e6e701e8d9a253f (HEAD → main)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: 15 minutes ago

    +new_file, circle.py → circle_v2.py

commit 3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: 32 minutes ago

    with changes in circle.py

commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)
Author: smartiga <info@smartiga.ru>
Date: 4 years, 11 months ago

    L-03: Docs added

commit 8ba9aeb3cea847b63a91ac378a2a6db758682460
Author: smartiga <info@smartiga.ru>
Date: 4 years, 11 months ago

    L-03: Circle and square added
```

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log --graph
* commit 19131c3d169f9ef179f7cae77e6e701e8d9a253f (HEAD → main)
| Author: daria_sarantseva <lol@porphyriacus.localdomain>
| Date: Sun Feb 15 18:25:38 2026 +0300
|
|     +new_file, circle.py → circle_v2.py
|
| * commit 3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI)
| | Author: daria_sarantseva <lol@porphyriacus.localdomain>
| | Date: Sun Feb 15 18:08:38 2026 +0300
| |
| |     with changes in circle.py
| |
| * commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)
| | Author: smartiga <info@smartiga.ru>
| | Date: Thu Mar 4 14:55:29 2021 +0300
| |
| |     L-03: Docs added
| |
| * commit 8ba9aeb3cea847b63a91ac378a2a6db758682460
| | Author: smartiga <info@smartiga.ru>
| | Date: Thu Mar 4 14:54:08 2021 +0300
| |
| |     L-03: Circle and square added
```

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log --pretty
commit 19131c3d169f9ef179f7cae77e6e701e8d9a253f (HEAD → main)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:25:38 2026 +0300

    +new_file, circle.py → circle_v2.py

commit 3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:08:38 2026 +0300

    with changes in circle.py

commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)
Author: smartiga <info@smartiga.ru>
Date: Thu Mar 4 14:55:29 2021 +0300

    L-03: Docs added

commit 8ba9aeb3cea847b63a91ac378a2a6db758682460
Author: smartiga <info@smartiga.ru>
Date: Thu Mar 4 14:54:08 2021 +0300

    L-03: Circle and square added
```

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log --pretty=oneline
19131c3d169f9ef179f7cae77e6e701e8d9a253f (HEAD → main) +new_file, circle.py → circle_v2.py
3461591cd27c04611ce4c346f0ef4c5c4dc21280 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI) with changes in circle.py
d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD) L-03: Docs added
8ba9aeb3cea847b63a91ac378a2a6db758682460 L-03: Circle and square added
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log --oneline
19131c3 (HEAD → main) +new_file, circle.py → circle_v2.py
3461591 (STRWEB_LR4, STRWEB_LR3, STRWEB_LR2, STRWEB_LR1, STRWEB, IGI_LR5, IGI_LR4, IGI_LR3, IGI_LR2, IGI_LR1, IGI) with changes in circle.py
d078c8d (origin/main, origin/HEAD) L-03: Docs added
8ba9aeb L-03: Circle and square added
```

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git add lol
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git diff --staged
diff --git a/lol b/lol
new file mode 100644
index 0000000..e69de29
```



```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> vim test.txt
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> cat test.txt
18
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git add test.txt
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git commit -m "+test.txt"
[main 0ce12a6] +test.txt
Committer: daria_sarantseva <lol@porphyriacus.localdomain>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)
create mode 100644 test.txt
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git revert HEAD
[main b04bd6f] Revert "+test.txt"
Committer: daria_sarantseva <lol@porphyriacus.localdomain>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 deletion(-)
delete mode 100644 test.txt
```

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> vim test.txt
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git add test.txt
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git commit -m "+test.txt v2"
[main 1efbc5c] +test.txt v2
Committer: daria_sarantseva <lol@porphyriacus.localdomain>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

git config --global user.name "Your Name"
git config --global user.email you@example.com
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author

1 file changed, 1 insertion(+)
create mode 100644 test.txt
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git reset --mixed HEAD~1
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git log
commit b04bd6fc8800ad209158a2c39ee8810d73ff368a (HEAD -> main)
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:50:10 2026 +0300
```

Revert "+test.txt"

This reverts commit 0ce12a612e40ca403fd4d0e57a441610ee8f1e81.

```
commit 0ce12a612e40ca403fd4d0e57a441610ee8f1e81
Author: daria_sarantseva <lol@porphyriacus.localdomain>
Date: Sun Feb 15 18:49:48 2026 +0300
```

+test.txt

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main) [128]> git add test.txt
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git reset HEAD test.txt
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git status
```

On branch main

Your branch is ahead of 'origin/main' by 4 commits.

(use "git push" to publish your local commits)

Untracked files:

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

test.txt

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


```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> echo "#aaa" >> circle_v2.py
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git status
On branch main
Your branch is ahead of 'origin/main' by 4 commits.
(use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   circle_v2.py

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        test.txt

no changes added to commit (use "git add" and/or "git commit -a")
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git checkout -- circle_v2.py
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git status
On branch main
Your branch is ahead of 'origin/main' by 4 commits.
(use "git push" to publish your local commits)

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        test.txt

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

```
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> echo "#aaa" >> circle_v2.py
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git status
On branch main
Your branch is ahead of 'origin/main' by 4 commits.
(use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   circle_v2.py

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        test.txt

no changes added to commit (use "git add" and/or "git commit -a")
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git restore circle_v2.py
lol@porphyriacus ~/B/4/I/L/geometric_lib (main)> git status
On branch main
Your branch is ahead of 'origin/main' by 4 commits.
(use "git push" to publish your local commits)

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        test.txt

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



```
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (main)> git remote -v
origin git@github.com:porphyriacus/453502_SARANTSEVA_18.git (fetch)
origin git@github.com:porphyriacus/453502_SARANTSEVA_18.git (push)
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (main)> git remote set-url origin https://github.com/porphyriacus/lab-remote-task.git
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (main)> git remote -v
origin https://github.com/porphyriacus/lab-remote-task.git (fetch)
origin https://github.com/porphyriacus/lab-remote-task.git (push)
```

```
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (main)> git fetch origin
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 930 bytes | 930.00 KiB/s, done.
From github.com:porphyriacus/453502_SARANTSEVA_18
   2c3a2d4..7d2e715  main       → origin/main
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (main)> ls
IGI/  STRWEB/
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (main)> git pull origin
Updating 2c3a2d4..7d2e715
Fast-forward
 README.md | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 README.md
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (main)> ls
IGI/  README.md  STRWEB/
```

```
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (IGI_LR1_1) [1]> git push -u origin IGI_LR1_1
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'IGI_LR1_1' on GitHub by visiting:
remote:   https://github.com/porphyriacus/453502_SARANTSEVA_18/pull/new/IGI_LR1_1
remote:
To github.com:porphyriacus/453502_SARANTSEVA_18.git
 * [new branch]      IGI_LR1_1 → IGI_LR1_1
branch 'IGI_LR1_1' set up to track 'origin/IGI_LR1_1'.
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (IGI_LR1_1)> ls IGI/LR1/
geometric_lib/  new_file
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (IGI_LR1_1)> git checkout IGI_LR1 -- create_on_IGI_LR1
error: pathspec 'create_on_IGI_LR1' did not match any file(s) known to git
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (IGI_LR1_1) [1]> git checkout IGI_LR1 -- ./IGI/LR1/create_on_IGI_LR1
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (IGI_LR1_1)> ls
IGI/  README.md  STRWEB/
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (IGI_LR1_1)> ls IGI/LR1/
create_on_IGI_LR1  geometric_lib/  new_file
```

```
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (IGI_LR1_2)> git checkout IGI_LR1
Switched to branch 'IGI_LR1'
Your branch is up to date with 'origin/IGI_LR1'.
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (IGI_LR1)> git merge IGI_LR1_2
Merge made by the 'ort' strategy.
 IGI/LR1/file1 | 0
 IGI/LR1/file2 | 0
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 IGI/LR1/file1
 create mode 100644 IGI/LR1/file2
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (IGI_LR1)> ls
IGI/  README.md  STRWEB/
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (IGI_LR1)> ls IGI/LR1/
create_on_IGI_LR1  file1  file2  geometric_lib/  new_file
```

```
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (IGI_LR1)> git branch -d IGI_LR1_2
Deleted branch IGI_LR1_2 (was 1b5e3a1).
```



```
lol@porphyriacus ~/B/453502_SARANTSEVA_18 (IGI_LR1) [128]> git push origin -d IGI_LR1_1
To github.com:porphyriacus/453502_SARANTSEVA_18.git
- [deleted]          IGI_LR1_1

lol@porphyriacus ~/B/4/I/LR1 (IGI_LR1)> mkdir -p bin/700
lol@porphyriacus ~/B/4/I/LR1 (IGI_LR1)> mkdir -p bin/foo
lol@porphyriacus ~/B/4/I/LR1 (IGI_LR1)> mkdir -p bin/foo/441
lol@porphyriacus ~/B/4/I/LR1 (IGI_LR1)> mkdir -p bin/foo/bar/664
lol@porphyriacus ~/B/4/I/LR1 (IGI_LR1)> mkdir -p bin/foo/bar/baz/244
lol@porphyriacus ~/B/4/I/LR1 (IGI_LR1)> vim bin/foo/bar/baz/test.txt
lol@porphyriacus ~/B/4/I/LR1 (IGI_LR1)> vim bin/foo/bar/baz/readme.txt
lol@porphyriacus ~/B/4/I/LR1 (IGI_LR1)> mkdir -p bin/foo/bar/baz/kill/700
lol@porphyriacus ~/B/4/I/LR1 (IGI_LR1)> mkdir -p bin/foo/bar/baz/example/200
lol@porphyriacus ~/B/4/I/LR1 (IGI_LR1)> tree

.
├── bin
│   ├── 700
│   └── foo
│       ├── 441
│       └── bar
│           ├── 664
│           └── baz
│               ├── 244
│               ├── example
│               │   └── 200
│               ├── kill
│               │   └── 700
│               ├── readme.txt
│               └── test.txt
```

https://porphyriacus.github.io/igi_lr1_web/