**Create copy of main branch**

If you're working with Git from the command line, you can achieve the same result using the **git checkout -b new-branch main** command, which creates a new branch named **new-branch** based on the **main** branch.

**Adding this new branch to github**

git push origin new-branch

**to push data in new branch**

git push --set-upstream origin new-branch

**merging new branch into main branch**

1. git checkout main

2. git pull origin main

3. git merge new-branch

4. git push origin main

**Creating duplicate of main branch**

Microsoft Windows [Version 10.0.19045.4291]

(c) Microsoft Corporation. All rights reserved.

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\codes\day\_4>git status

On branch main

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

Untracked files:

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

../

../../iacsdsdm/

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

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\codes\day\_4>git add animal\_class

fatal: pathspec 'animal\_class' did not match any files

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\codes\day\_4>git add .

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\codes\day\_4>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)

new file: animal\_class.cpp

new file: dog\_inherit.cpp

new file: multiple\_inherit.cpp

new file: multiple\_inherit.exe

new file: multiple\_inherit.o

Untracked files:

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

../../iacsdsdm/

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\codes\day\_4>git commit -m "add"

[main d920698] add

5 files changed, 84 insertions(+)

create mode 100644 codes/day\_4/animal\_class.cpp

create mode 100644 codes/day\_4/dog\_inherit.cpp

create mode 100644 codes/day\_4/multiple\_inherit.cpp

create mode 100644 codes/day\_4/multiple\_inherit.exe

create mode 100644 codes/day\_4/multiple\_inherit.o

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\codes\day\_4>git push

Enumerating objects: 10, done.

Counting objects: 100% (10/10), done.

Delta compression using up to 8 threads

Compressing objects: 100% (8/8), done.

Writing objects: 100% (9/9), 20.32 KiB | 990.00 KiB/s, done.

Total 9 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To https://github.com/DhanashreeDashpute/sdm.git

32709fe..d920698 main -> main

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\codes\day\_4>create -b feature

'create' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\codes\day\_4>git checkout -b new-branch main

Switched to a new branch 'new-branch'

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\codes\day\_4>giit push origin new-branch

'giit' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\codes\day\_4>git push origin new-branch

Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

remote:

remote: Create a pull request for 'new-branch' on GitHub by visiting:

remote: https://github.com/DhanashreeDashpute/sdm/pull/new/new-branch

remote:

To https://github.com/DhanashreeDashpute/sdm.git

\* [new branch] new-branch -> new-branch

**Merging new branch into main branch**

Microsoft Windows [Version 10.0.19045.4291]

(c) Microsoft Corporation. All rights reserved.

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\day\_1>git status

On branch new-branch

Untracked files:

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

./

../iacsdsdm/

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

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\day\_1>git add .

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\day\_1>git status

On branch new-branch

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: add.cpp

new file: add.exe

new file: add.o

new file: armstrong.cpp

new file: armstrong.exe

new file: armstrong.o

new file: array\_sum.cpp

new file: convert.cpp

new file: convert.exe

new file: convert.o

new file: divisible\_by\_5\_7.cpp

new file: divisible\_by\_5\_7.exe

new file: divisible\_by\_5\_7.o

new file: factorial.cpp

new file: factorial.exe

new file: factorial.o

new file: hello.cpp

new file: hello.exe

new file: hello.o

new file: max3.cpp

new file: max3.exe

new file: max3.o

new file: odd\_even.cpp

new file: odd\_even.exe

new file: odd\_even.o

new file: palindrome.cpp

new file: palindrome.exe

new file: palindrome.o

new file: pizza.cpp

new file: pizza.exe

new file: pizza.o

new file: power.cpp

new file: power.exe

new file: power.o

new file: prime.cpp

new file: prime.exe

new file: prime.o

new file: prime1\_to\_.cpp

new file: prime1\_to\_.exe

new file: prime1\_to\_.o

new file: rev\_no.cpp

new file: rev\_no.exe

new file: rev\_no.o

new file: sum\_of\_even\_odd.cpp

new file: sum\_of\_even\_odd.exe

new file: sum\_of\_even\_odd.o

new file: sum\_of\_num.cpp

new file: sum\_of\_num.exe

new file: sum\_of\_num.o

new file: swap.cpp

new file: swap.exe

new file: swap.o

new file: tax.cpp

new file: tax.exe

new file: tax.o

new file: valid\_tri.cpp

new file: valid\_tri.exe

new file: valid\_tri.o

new file: vowel\_cons.cpp

new file: vowel\_cons.exe

new file: vowel\_cons.o

Untracked files:

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

../iacsdsdm/

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\day\_1>git commit -m "adding day1 files"

[new-branch dda5b1a] adding day1 files

61 files changed, 407 insertions(+)

create mode 100644 day\_1/add.cpp

create mode 100644 day\_1/add.exe

create mode 100644 day\_1/add.o

create mode 100644 day\_1/armstrong.cpp

create mode 100644 day\_1/armstrong.exe

create mode 100644 day\_1/armstrong.o

create mode 100644 day\_1/array\_sum.cpp

create mode 100644 day\_1/convert.cpp

create mode 100644 day\_1/convert.exe

create mode 100644 day\_1/convert.o

create mode 100644 day\_1/divisible\_by\_5\_7.cpp

create mode 100644 day\_1/divisible\_by\_5\_7.exe

create mode 100644 day\_1/divisible\_by\_5\_7.o

create mode 100644 day\_1/factorial.cpp

create mode 100644 day\_1/factorial.exe

create mode 100644 day\_1/factorial.o

create mode 100644 day\_1/hello.cpp

create mode 100644 day\_1/hello.exe

create mode 100644 day\_1/hello.o

create mode 100644 day\_1/max3.cpp

create mode 100644 day\_1/max3.exe

create mode 100644 day\_1/max3.o

create mode 100644 day\_1/odd\_even.cpp

create mode 100644 day\_1/odd\_even.exe

create mode 100644 day\_1/odd\_even.o

create mode 100644 day\_1/palindrome.cpp

create mode 100644 day\_1/palindrome.exe

create mode 100644 day\_1/palindrome.o

create mode 100644 day\_1/pizza.cpp

create mode 100644 day\_1/pizza.exe

create mode 100644 day\_1/pizza.o

create mode 100644 day\_1/power.cpp

create mode 100644 day\_1/power.exe

create mode 100644 day\_1/power.o

create mode 100644 day\_1/prime.cpp

create mode 100644 day\_1/prime.exe

create mode 100644 day\_1/prime.o

create mode 100644 day\_1/prime1\_to\_.cpp

create mode 100644 day\_1/prime1\_to\_.exe

create mode 100644 day\_1/prime1\_to\_.o

create mode 100644 day\_1/rev\_no.cpp

create mode 100644 day\_1/rev\_no.exe

create mode 100644 day\_1/rev\_no.o

create mode 100644 day\_1/sum\_of\_even\_odd.cpp

create mode 100644 day\_1/sum\_of\_even\_odd.exe

create mode 100644 day\_1/sum\_of\_even\_odd.o

create mode 100644 day\_1/sum\_of\_num.cpp

create mode 100644 day\_1/sum\_of\_num.exe

create mode 100644 day\_1/sum\_of\_num.o

create mode 100644 day\_1/swap.cpp

create mode 100644 day\_1/swap.exe

create mode 100644 day\_1/swap.o

create mode 100644 day\_1/tax.cpp

create mode 100644 day\_1/tax.exe

create mode 100644 day\_1/tax.o

create mode 100644 day\_1/valid\_tri.cpp

create mode 100644 day\_1/valid\_tri.exe

create mode 100644 day\_1/valid\_tri.o

create mode 100644 day\_1/vowel\_cons.cpp

create mode 100644 day\_1/vowel\_cons.exe

create mode 100644 day\_1/vowel\_cons.o

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\day\_1>git push

fatal: The current branch new-branch has no upstream branch.

To push the current branch and set the remote as upstream, use

git push --set-upstream origin new-branch

To have this happen automatically for branches without a tracking

upstream, see 'push.autoSetupRemote' in 'git help config'.

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\day\_1> git push --set-upstream origin new-branch

Enumerating objects: 65, done.

Counting objects: 100% (65/65), done.

Delta compression using up to 8 threads

Compressing objects: 100% (63/63), done.

Writing objects: 100% (64/64), 229.99 KiB | 3.07 MiB/s, done.

Total 64 (delta 33), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (33/33), done.

To https://github.com/DhanashreeDashpute/sdm.git

d920698..dda5b1a new-branch -> new-branch

branch 'new-branch' set up to track 'origin/new-branch'.

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\day\_1>git checkout main

Switched to branch 'main'

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

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\day\_1>git pull origin main

From https://github.com/DhanashreeDashpute/sdm

\* branch main -> FETCH\_HEAD

Already up to date.

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\day\_1>git merge new-branch

Updating d920698..dda5b1a

Fast-forward

day\_1/add.cpp | 14 ++++++++++++++

day\_1/add.exe | Bin 0 -> 54198 bytes

day\_1/add.o | Bin 0 -> 1052 bytes

day\_1/armstrong.cpp | 20 ++++++++++++++++++++

day\_1/armstrong.exe | Bin 0 -> 85289 bytes

day\_1/armstrong.o | Bin 0 -> 2332 bytes

day\_1/array\_sum.cpp | 1 +

day\_1/convert.cpp | 45 +++++++++++++++++++++++++++++++++++++++++++++

day\_1/convert.exe | Bin 0 -> 86369 bytes

day\_1/convert.o | Bin 0 -> 3028 bytes

day\_1/divisible\_by\_5\_7.cpp | 13 +++++++++++++

day\_1/divisible\_by\_5\_7.exe | Bin 0 -> 56765 bytes

day\_1/divisible\_by\_5\_7.o | Bin 0 -> 2457 bytes

day\_1/factorial.cpp | 14 ++++++++++++++

day\_1/factorial.exe | Bin 0 -> 57507 bytes

day\_1/factorial.o | Bin 0 -> 2815 bytes

day\_1/hello.cpp | 11 +++++++++++

day\_1/hello.exe | Bin 0 -> 56271 bytes

day\_1/hello.o | Bin 0 -> 1900 bytes

day\_1/max3.cpp | 16 ++++++++++++++++

day\_1/max3.exe | Bin 0 -> 86521 bytes

day\_1/max3.o | Bin 0 -> 2786 bytes

day\_1/odd\_even.cpp | 14 ++++++++++++++

day\_1/odd\_even.exe | Bin 0 -> 121579 bytes

day\_1/odd\_even.o | Bin 0 -> 2214 bytes

day\_1/palindrome.cpp | 25 +++++++++++++++++++++++++

day\_1/palindrome.exe | Bin 0 -> 57408 bytes

day\_1/palindrome.o | Bin 0 -> 2500 bytes

day\_1/pizza.cpp | 41 +++++++++++++++++++++++++++++++++++++++++

day\_1/pizza.exe | Bin 0 -> 58019 bytes

day\_1/pizza.o | Bin 0 -> 3733 bytes

day\_1/power.cpp | 12 ++++++++++++

day\_1/power.exe | Bin 0 -> 56423 bytes

day\_1/power.o | Bin 0 -> 2034 bytes

day\_1/prime.cpp | 22 ++++++++++++++++++++++

day\_1/prime.exe | Bin 0 -> 85402 bytes

day\_1/prime.o | Bin 0 -> 2394 bytes

day\_1/prime1\_to\_.cpp | 24 ++++++++++++++++++++++++

day\_1/prime1\_to\_.exe | Bin 0 -> 58037 bytes

day\_1/prime1\_to\_.o | Bin 0 -> 2875 bytes

day\_1/rev\_no.cpp | 18 ++++++++++++++++++

day\_1/rev\_no.exe | Bin 0 -> 57408 bytes

day\_1/rev\_no.o | Bin 0 -> 2360 bytes

day\_1/sum\_of\_even\_odd.cpp | 22 ++++++++++++++++++++++

day\_1/sum\_of\_even\_odd.exe | Bin 0 -> 57428 bytes

day\_1/sum\_of\_even\_odd.o | Bin 0 -> 2520 bytes

day\_1/sum\_of\_num.cpp | 13 +++++++++++++

day\_1/sum\_of\_num.exe | Bin 0 -> 56896 bytes

day\_1/sum\_of\_num.o | Bin 0 -> 2332 bytes

day\_1/swap.cpp | 19 +++++++++++++++++++

day\_1/swap.exe | Bin 0 -> 121579 bytes

day\_1/swap.o | Bin 0 -> 2394 bytes

day\_1/tax.cpp | 27 +++++++++++++++++++++++++++

day\_1/tax.exe | Bin 0 -> 121579 bytes

day\_1/tax.o | Bin 0 -> 2508 bytes

day\_1/valid\_tri.cpp | 19 +++++++++++++++++++

day\_1/valid\_tri.exe | Bin 0 -> 56744 bytes

day\_1/valid\_tri.o | Bin 0 -> 2444 bytes

day\_1/vowel\_cons.cpp | 17 +++++++++++++++++

day\_1/vowel\_cons.exe | Bin 0 -> 54198 bytes

day\_1/vowel\_cons.o | Bin 0 -> 1216 bytes

61 files changed, 407 insertions(+)

create mode 100644 day\_1/add.cpp

create mode 100644 day\_1/add.exe

create mode 100644 day\_1/add.o

create mode 100644 day\_1/armstrong.cpp

create mode 100644 day\_1/armstrong.exe

create mode 100644 day\_1/armstrong.o

create mode 100644 day\_1/array\_sum.cpp

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create mode 100644 day\_1/convert.exe

create mode 100644 day\_1/convert.o

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create mode 100644 day\_1/divisible\_by\_5\_7.exe

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create mode 100644 day\_1/odd\_even.o

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create mode 100644 day\_1/palindrome.o

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create mode 100644 day\_1/power.exe

create mode 100644 day\_1/power.o

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create mode 100644 day\_1/prime.exe

create mode 100644 day\_1/prime.o

create mode 100644 day\_1/prime1\_to\_.cpp

create mode 100644 day\_1/prime1\_to\_.exe

create mode 100644 day\_1/prime1\_to\_.o

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create mode 100644 day\_1/rev\_no.exe

create mode 100644 day\_1/rev\_no.o

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create mode 100644 day\_1/sum\_of\_even\_odd.exe

create mode 100644 day\_1/sum\_of\_even\_odd.o

create mode 100644 day\_1/sum\_of\_num.cpp

create mode 100644 day\_1/sum\_of\_num.exe

create mode 100644 day\_1/sum\_of\_num.o

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create mode 100644 day\_1/swap.exe

create mode 100644 day\_1/swap.o

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create mode 100644 day\_1/tax.exe

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create mode 100644 day\_1/valid\_tri.exe

create mode 100644 day\_1/valid\_tri.o

create mode 100644 day\_1/vowel\_cons.cpp

create mode 100644 day\_1/vowel\_cons.exe

create mode 100644 day\_1/vowel\_cons.o

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\day\_1>git push origin main

Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To https://github.com/DhanashreeDashpute/sdm.git

d920698..dda5b1a main -> main

C:\Users\Vaibhav Dashpute\Desktop\Cdac\cdac\sdm\day\_1>