

# Creating a Bash File in Linux

The screenshot shows the ChatGPT interface with a terminal window. The terminal content is as follows:

```
riyazkhansbox:/tmp$ vi basic.sh
riyazkhansbox:/tmp$ ls
1F7443B4-B171-4fad-bf3d-994c2100d271.zip
basic.sh
first_job.txt
hyperdata_jenkins
hyperdata_riyazkhan
jetty-8.0.0-M8-war_.war->5000034373894566993
system-private-7017822e773742ac6b33e04ee96dbd97-chromedriver.service-ph0fc2
system-private-7017822e773742ac6b33e04ee96dbd97-ctored.service-4108fb
system-private-7017822e773742ac6b33e04ee96dbd97-dbus-braker.service-a61jrr
system-private-7017822e773742ac6b33e04ee96dbd97-fsmpd.service-8e1111
system-private-7017822e773742ac6b33e04ee96dbd97-guestin.service-F95p33
system-private-7017822e773742ac6b33e04ee96dbd97-imbalance.service-30596t
system-private-7017822e773742ac6b33e04ee96dbd97-mavenManager.service-2a0810
system-private-7017822e773742ac6b33e04ee96dbd97-polkit.service-zd4o50
system-private-7017822e773742ac6b33e04ee96dbd97-rtttdm.service-ugPMH
system-private-7017822e773742ac6b33e04ee96dbd97-switcheroo-control.service-9LjZeg
system-private-7017822e773742ac6b33e04ee96dbd97-systemd-logind.service-U00E9X
winstone167996003234081400.jar
riyazkhansbox:/tmp$ bash basic.sh
This is from script under Temp Folder
riyazkhansbox:/tmp$
```

Below the terminal, there are two code snippets:

```
bash
echo "Hello, world!"
```

```
To add an echo command
1. Press i → this puts you in Insert Mode.
You'll see -- INSERT -- at the bottom.
2. Move the cursor to where you want to add the line (using arrow keys).
3. Type your command, for example:
```

ChatGPT can make mistakes. Check important info. See [Cookie Preferences](#).

The screenshot shows the ChatGPT interface with a terminal window. The terminal content is identical to the previous one:

```
riyazkhansbox:/tmp$ vi basic.sh
riyazkhansbox:/tmp$ ls
1F7443B4-B171-4fad-bf3d-994c2100d271.zip
basic.sh
first_job.txt
hyperdata_jenkins
hyperdata_riyazkhan
jetty-8.0.0-M8-war_.war->5000034373894566993
system-private-7017822e773742ac6b33e04ee96dbd97-chromedriver.service-ph0fc2
system-private-7017822e773742ac6b33e04ee96dbd97-ctored.service-4108fb
system-private-7017822e773742ac6b33e04ee96dbd97-dbus-braker.service-a61jrr
system-private-7017822e773742ac6b33e04ee96dbd97-fsmpd.service-8e1111
system-private-7017822e773742ac6b33e04ee96dbd97-guestin.service-F95p33
system-private-7017822e773742ac6b33e04ee96dbd97-imbalance.service-30596t
system-private-7017822e773742ac6b33e04ee96dbd97-mavenManager.service-2a0810
system-private-7017822e773742ac6b33e04ee96dbd97-polkit.service-zd4o50
system-private-7017822e773742ac6b33e04ee96dbd97-rtttdm.service-ugPMH
system-private-7017822e773742ac6b33e04ee96dbd97-switcheroo-control.service-9LjZeg
system-private-7017822e773742ac6b33e04ee96dbd97-systemd-logind.service-U00E9X
winstone167996003234081400.jar
riyazkhansbox:/tmp$ bash basic.sh
This is from script under Temp Folder
riyazkhansbox:/tmp$
```

Below the terminal, there are two code snippets:

```
ruby
:weq
```

and press Enter.

- `:w` = write (save)
- `q` = quit

**Quick Summary**

| Action              | Keys             |
|---------------------|------------------|
| Enter insert mode   | <code>i</code>   |
| Exit insert mode    | <code>Esc</code> |
| Save and quit       | <code>:wq</code> |
| Quit without saving | <code>:q!</code> |

+ Ask anything

**Add echo and save**

**ChatGPT**

**Example:**

```
bash
vi basic.sh
# Press i
echo "Script running"
# Press Esc
:wq
```

Would you like me to show how to run the script after saving (including permission setup)?

Copy code

yes

Perfect! Let's go step-by-step to run your `basic.sh` script on CentOS after saving it.

**Verify your file**

First, check that the file exists:

```
bash
```

Copy code

**Give execute permission**

By default, new files may not be executable.

Run this:

```
bash
chmod +x basic.sh
```

This allows the script to be run like a program.

**Run the script**

Now run it in one of these ways:

Option 1 (recommended):

```
bash
./basic.sh
```

Copy code

Option 2 (using bash directly):

```
bash
bash basic.sh
```

Ask anything

Nov 3 8:29 PM  
riyazkhan@vbox:/tmp

CentOS [running] - Oracle VirtualBox

```
riyazkhan@vbox:/tmp$ vi basic.sh
riyazkhan@vbox:/tmp$ ls
1f744384-b171-4fa6-bfb4-994c2190d271.zip
basic.sh
first_job.txt
hyperdata_jenkins
hyperdata_riyazkhan
jetty-0.0.0-0.0.0-0.war...-any-55200343730945060989
systemd-private-7617823e772742ac653e4ee96dbd97-chronyd.service-p0HfcZ
systemd-private-7617823e772742ac653e4ee96dbd97-colorerd.service-458vBv
systemd-private-7617823e772742ac653e4ee96dbd97-dbus-broker.service-n01jrr
systemd-private-7617823e772742ac653e4ee96dbd97-fsmpd.service-Rm1zD3
systemd-private-7617823e772742ac653e4ee96dbd97-gpudim.service-fN9pD3
systemd-private-7617823e772742ac653e4ee96dbd97-kafka-balancer.service-0gjPgt
systemd-private-7617823e772742ac653e4ee96dbd97-kafka-producer-service-2wB10
systemd-private-7617823e772742ac653e4ee96dbd97-polkit.service-zdM0d
systemd-private-7617823e772742ac653e4ee96dbd97-rabbitmq-damon.service-tpJH1
systemd-private-7617823e772742ac653e4ee96dbd97-switcheroo-control.service-9LjZeg
systemd-private-7617823e772742ac653e4ee96dbd97-systemd-logind.service-UlD1X0
systemd-private-7617823e772742ac653e4ee96dbd97-upower.service-U06X5k
winstone16799688334381480.jar
riyazkhan@vbox:/tmp$ bash basic.sh
This is from script under Temp Folder
riyazkhan@vbox:/tmp$ SSS
```

Nov 3 8:30 PM  
riyazkhan@vbox:/tmp

CentOS [running] - Oracle VirtualBox

```
riyazkhan@vbox:/tmp$ vi basic.sh
riyazkhan@vbox:/tmp$ ls
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basic.sh
first_job.txt
hyperdata_jenkins
hyperdata_riyazkhan
jetty-0.0.0-0.0.0-0.war...-any-55200343730945060989
systemd-private-7617823e772742ac653e4ee96dbd97-chronyd.service-p0HfcZ
systemd-private-7617823e772742ac653e4ee96dbd97-colorerd.service-458vBv
systemd-private-7617823e772742ac653e4ee96dbd97-dbus-broker.service-n01jrr
systemd-private-7617823e772742ac653e4ee96dbd97-fsmpd.service-Rm1zD3
systemd-private-7617823e772742ac653e4ee96dbd97-gpudim.service-fN9pD3
systemd-private-7617823e772742ac653e4ee96dbd97-kafka-balancer.service-0gjPgt
systemd-private-7617823e772742ac653e4ee96dbd97-kafka-producer-service-2wB10
systemd-private-7617823e772742ac653e4ee96dbd97-polkit.service-zdM0d
systemd-private-7617823e772742ac653e4ee96dbd97-rabbitmq-damon.service-tpJH1
systemd-private-7617823e772742ac653e4ee96dbd97-switcheroo-control.service-9LjZeg
systemd-private-7617823e772742ac653e4ee96dbd97-systemd-logind.service-UlD1X0
systemd-private-7617823e772742ac653e4ee96dbd97-upower.service-U06X5k
winstone16799688334381480.jar
riyazkhan@vbox:/tmp$ bash basic.sh
This is from script under Temp Folder
riyazkhan@vbox:/tmp$ SSS
```

Add echo and save

ChatGPT

You should see:

```
Hello, world!
```

Extra tip:

To see the contents of the file anytime:

```
bash
```

```
cat basic.sh
```

Would you like me to show how to add a shebang line (`#!/bin/bash`) at the top of your script so it runs more reliably?

Ask anything

Nov 3 8:30 PM  
riyazkhan@vbox:/tmp

```
riyazkhan@vbox:/tmp$ vi basic.sh
riyazkhan@vbox:/tmp$ ls
1f744d84a-b171-4ffad-bfb4-994c2190d271.zip
basic.sh
first.job.txt
junkfile
junkfile.junkies
hyperfdata_riyazkhan
jetty-0.9.0-0-0008-war_~any-5528034373404506080
systemd-private-7617823e773742acd633be4ee96dbd97-chronyd.service-pGhfC2
systemd-private-7617823e773742acd633be4ee96dbd97-colorerd.service-E5bvBv
systemd-private-7617823e773742acd633be4ee96dbd97-dbus-bus0x7.service-0ijfr
systemd-private-7617823e773742acd633be4ee96dbd97-dbus-bus0x8.service-0ijfr
systemd-private-0317823e773742acd633be4ee96dbd97-gpuclue.service-P8q31
systemd-private-7617823e773742acd633be4ee96dbd97-irshalance.service-2D00E6
systemd-private-7617823e773742acd633be4ee96dbd97-modemanager.service-ZdH010
systemd-private-7617823e773742acd633be4ee96dbd97-polkit.service-zdAe16
systemd-private-7617823e773742acd633be4ee96dbd97-rclit.daemon.service-9LJ2wg
systemd-private-7617823e773742acd633be4ee96dbd97-switchcharon-control.service-9LJ2wg
systemd-private-7617823e773742acd633be4ee96dbd97-systemd-logind.service-01BXK0
systemd-private-0317823e773742acd633be4ee96dbd97-upower.service-01V116-4v000
winstone1679908833348381400.jar
riyazkhan@vbox:/tmp$ bash basic.sh
This is from script under Temp Folder
riyazkhan@vbox:/tmp$ cat basic.sh
#!/bin/bash

echo "This is from script under Temp Folder"

riyazkhan@vbox:/tmp$
```