

## ASSINGMENT – 01

NAME: B.Tharun Reddy

ROLL NO : 422116

SECTION-A

(week3) :Write shell script for searching for various patterns using grep, pr, head, tail, cut, paste, sort, uniq, and tr.



```
student@ai-HP-ProDesk-600-G4-MT: ~/422116
student@ai-HP-ProDesk-600-G4-MT:~/422116$ ls
file1.txt
student@ai-HP-ProDesk-600-G4-MT:~/422116$ touch new.file
student@ai-HP-ProDesk-600-G4-MT:~/422116$ touch new.txt
student@ai-HP-ProDesk-600-G4-MT:~/422116$ ls
file1.txt  new.file  new.txt
student@ai-HP-ProDesk-600-G4-MT:~/422116$ nano new.txt
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cat new.txt
Besides assisting companies in performing faster operations using voice or text chats, AI-enabled chatbots also help improve customer experience . You can use an AI chatbot to collect data, answer frequently asked questions, and solve other issues. The result is a seamless digital experience for customers to enjoy.

Many prominent B2C companies already serve their customers with AI chatbots. According to Forbes, marketers' use of AI increased by 190% between 2018 and 2020 , with many functioning within Facebook Messenger, Whatsapp, and Skype, instead of standard chatbots. Expect to see AI chatbots gain even more momentum in 2023.
student@ai-HP-ProDesk-600-G4-MT:~/422116$ grep "with" new.txt
Many prominent B2C companies already serve their customers with AI chatbots. According to Forbes, marketers' use of AI increased by 190% between 2018 and 2020 , with many functioning within Facebook Messenger, Whatsapp, and Skype, instead of standard chatbots. Expect to see AI chatbots gain even more momentum in 2023.
student@ai-HP-ProDesk-600-G4-MT:~/422116$ grep -r "with" new.txt
Many prominent B2C companies already serve their customers with AI chatbots. According to Forbes, marketers' use of AI increased by 190% between 2018 and 2020 , with many functioning within Facebook Messenger, Whatsapp, and Skype, instead of standard chatbots. Expect to see AI chatbots gain even more momentum in 2023.
student@ai-HP-ProDesk-600-G4-MT:~/422116$
```

```
Activities Terminal Feb 14 16:40 student@ai-HP-ProDesk-600-G4-MT: ~/422116

student@ai-HP-ProDesk-600-G4-MT:~/422116$ pr -l 15 new.txt

2024-02-14 16:36 new.txt Page 1

Besides assisting companies in performing faster operations using voice or text chats, AI-enabled chatbots also help improve customer experience . You can use an AI chatbot to collect data, answer frequently asked questions, and solve other issues. The result is a seamless digital experience for customers to enjoy.

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student@ai-HP-ProDesk-600-G4-MT:~/422116$ pr -h "WEBDEV trends part" new.txt

2024-02-14 16:36 WEBDEV trends part Page 1

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```

```
Activities Terminal Feb 14 16:41 student@ai-HP-ProDesk-600-G4-MT: ~/422116

student@ai-HP-ProDesk-600-G4-MT:~/422116$ head new.txt
Besides assisting companies in performing faster operations using voice or text chats, AI-enabled chatbots also help improve customer experience . You can use an AI chatbot to collect data, answer frequently asked questions, and solve other issues. The result is a seamless digital experience for customers to enjoy.

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student@ai-HP-ProDesk-600-G4-MT:~/422116$ head -n 10 new.txt
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student@ai-HP-ProDesk-600-G4-MT:~/422116$ head -n 2 new.txt
Besides assisting companies in performing faster operations using voice or text chats, AI-enabled chatbots also help improve customer experience . You can use an AI chatbot to collect data, answer frequently asked questions, and solve other issues. The result is a seamless digital experience for customers to enjoy.

student@ai-HP-ProDesk-600-G4-MT:~/422116$ head -n 1 new.txt
Besides assisting companies in performing faster operations using voice or text chats, AI-enabled chatbots also help improve customer experience . You can use an AI chatbot to collect data, answer frequently asked questions, and solve other issues. The result is a seamless digital experience for customers to enjoy.

student@ai-HP-ProDesk-600-G4-MT:~/422116$
```

```
Activities Terminal Feb 14 16:42 student@ai-HP-ProDesk-600-G4-MT: ~/422116

student@ai-HP-ProDesk-600-G4-MT:~/422116$ head new.txt
Besides assisting companies in performing faster operations using voice or text chats, AI-enabled chatbots also help improve customer experience. You can use an AI chatbot to collect data, answer frequently asked questions, and solve other issues. The result is a seamless digital experience for customers to enjoy.

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student@ai-HP-ProDesk-600-G4-MT:~/422116$ tail new.txt
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student@ai-HP-ProDesk-600-G4-MT:~/422116$

Activities Terminal Feb 14 16:46 student@ai-HP-ProDesk-600-G4-MT: ~/422116

student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ nano names.txt
student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ cat number.txt
1
2
3
4
5
student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ cat names.txt
tharun
harsha
sridhar
mohan
bruath

student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ paste number.txt names.txt
1 tharun
2 harsha
3 sridhar
4 mohan
5 bruath

student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ head -n 2 names.txt
tharun
harsha
student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ tail -n 2 names.txt
mohan
bruath

student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ cd ..
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cut -c 14 new.txt
t
t
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cut -c 20 new.txt
o
c
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cut -c -20 new.txt
Besides assisting co
Many prominent B2C c
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cut -c 1-20 new.txt
Besides assisting co
Many prominent B2C c
student@ai-HP-ProDesk-600-G4-MT:~/422116$
```

```
Activities Terminal Feb 14 16:47 student@ai-HP-ProDesk-600-G4-MT: ~/422116
sridhar
mohan
bruhath

student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ paste number.txt names.txt
1      tharun
2      harsha
3      sridhar
4      mohan
5      bruhath

student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ head -n 2 names.txt
tharun
harsha
student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ tail -n 2 names.txt
bruhath

student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ cd ..
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cut -c 14 new.txt
t
t
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cut -c 20 new.txt
o
c
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cut -c -20 new.txt
Besides assisting co

Many prominent B2C c
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cut -c 1-20 new.txt
Besides assisting co

Many prominent B2C c
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cut -c 1-20- new.txt
cut: invalid byte or character range
Try 'cut --help' for more information.
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cut -c 20- new.txt
companies in performing faster operations using voice or text chats, AI-enabled chatbots also help improve customer experience . You can use an AI cha
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student@ai-HP-ProDesk-600-G4-MT:~/422116$
```

```
Activities Terminal Feb 14 16:48 student@ai-HP-ProDesk-600-G4-MT: ~/422116
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cut -c 1-20 new.txt
Besides assisting co

Many prominent B2C c
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cut -c 1-20- new.txt
cut: invalid byte or character range
Try 'cut --help' for more information.
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cut -c 20- new.txt
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ny functioning within Facebook Messenger, Whatsapp, and Skype, instead of standard chatbots. Expect to see AI chatbots gain even more momentum in 2023
.
student@ai-HP-ProDesk-600-G4-MT:~/422116$ nano new2.txt
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cat new2.txt
Considered one of the most significant recent trends in web development, single-page applications (SPAs) are JavaScript-based web applications that lo
ad a single HTML page in a visitor's browser and dynamically update content as needed without refreshing the page.

The development community and Google, Facebook, and Twitter have widely adopted SPAs. Because users can use a website without loading an entirely new
page from the server, the overall performance is much better. While more effort is involved in maintaining SPAs, it could be well worth the tradeoff.

Besides being cost-effective and relatively easy to create thanks to the popular AngularJS framework , SPAs consume less server space and efficiently
provide users' information on a single page without needing to navigate around. These benefits make SPAs a win-win for developers and site visitors a
like.

As online consumers expect faster and simpler app experiences, we can expect the SPA trend to continue in the coming year.
student@ai-HP-ProDesk-600-G4-MT:~/422116$ paste new.txt new2.txt
Besides assisting companies in performing faster operations using voice or text chats, AI-enabled chatbots also help improve customer experience . Yo
u can use an AI chatbot to collect data, answer frequently asked questions, and solve other issues. The result is a seamless digital experience for cu
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student@ai-HP-ProDesk-600-G4-MT:~/422116$
```

Activities Terminal Feb 14 16:50 student@ai-HP-ProDesk-600-G4-MT: ~/422116

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As online consumers expect faster and simpler app experiences, we can expect the SPA trend to continue in the coming year.

```
student@ai-HP-ProDesk-600-G4-MT:~/422116$ cd assignmnetfiles/
student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ paste -d "\" number.txt names.txt
>
> ^C
student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ sort new2.txt
sort: cannot read: new2.txt: No such file or directory
student@ai-HP-ProDesk-600-G4-MT:~/422116/assignmnetfiles$ cd ..
student@ai-HP-ProDesk-600-G4-MT:~/422116$ sort new2.txt
```

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```
student@ai-HP-ProDesk-600-G4-MT:~/422116$ sort -r new.txt
```

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```
student@ai-HP-ProDesk-600-G4-MT:~/422116$ sort -b new.txt
```

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```
student@ai-HP-ProDesk-600-G4-MT:~/422116$
```