



BMS Institute of Technology and Management

(An Autonomous Institution, Affiliated to VTU, Belagavi)

Department of Master of Computer Applications

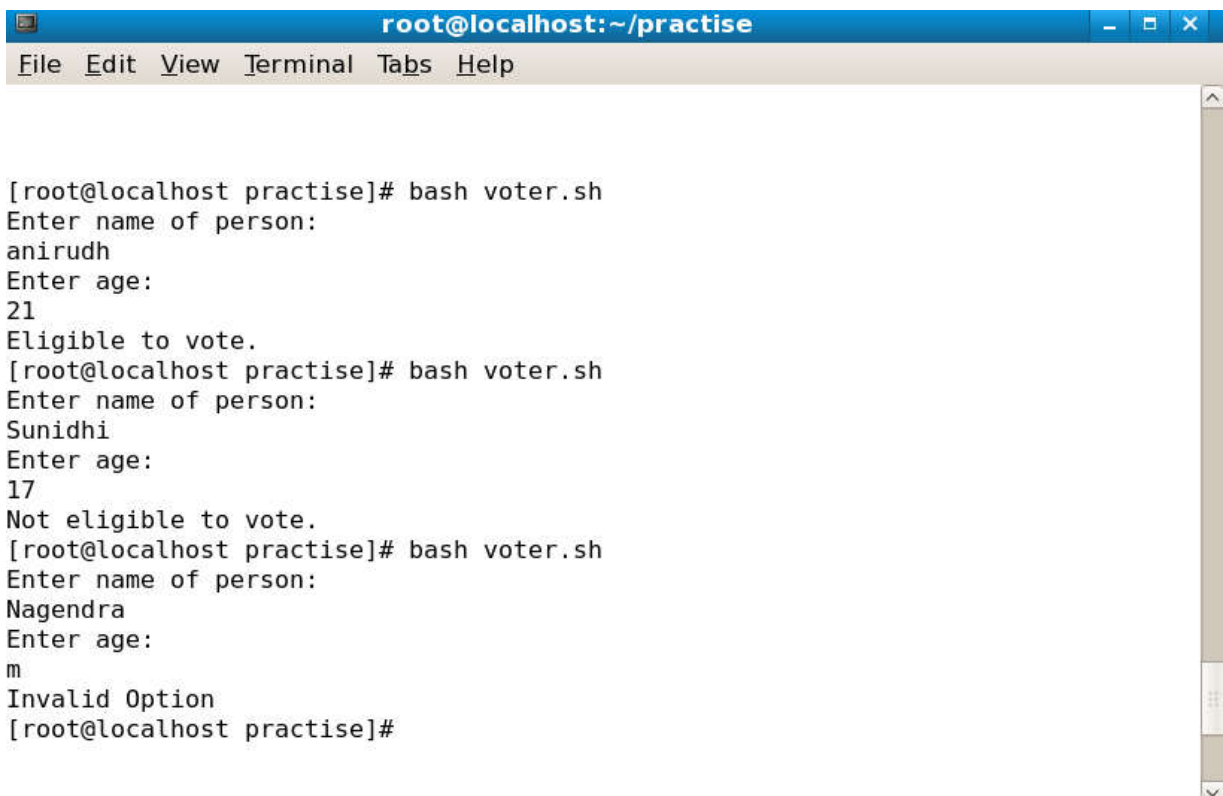
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Alternate Assessment Tool (AAT)

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Course Code	22MCA102	Course Title	Operating System
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AAT Question or Topic or Problem Statement

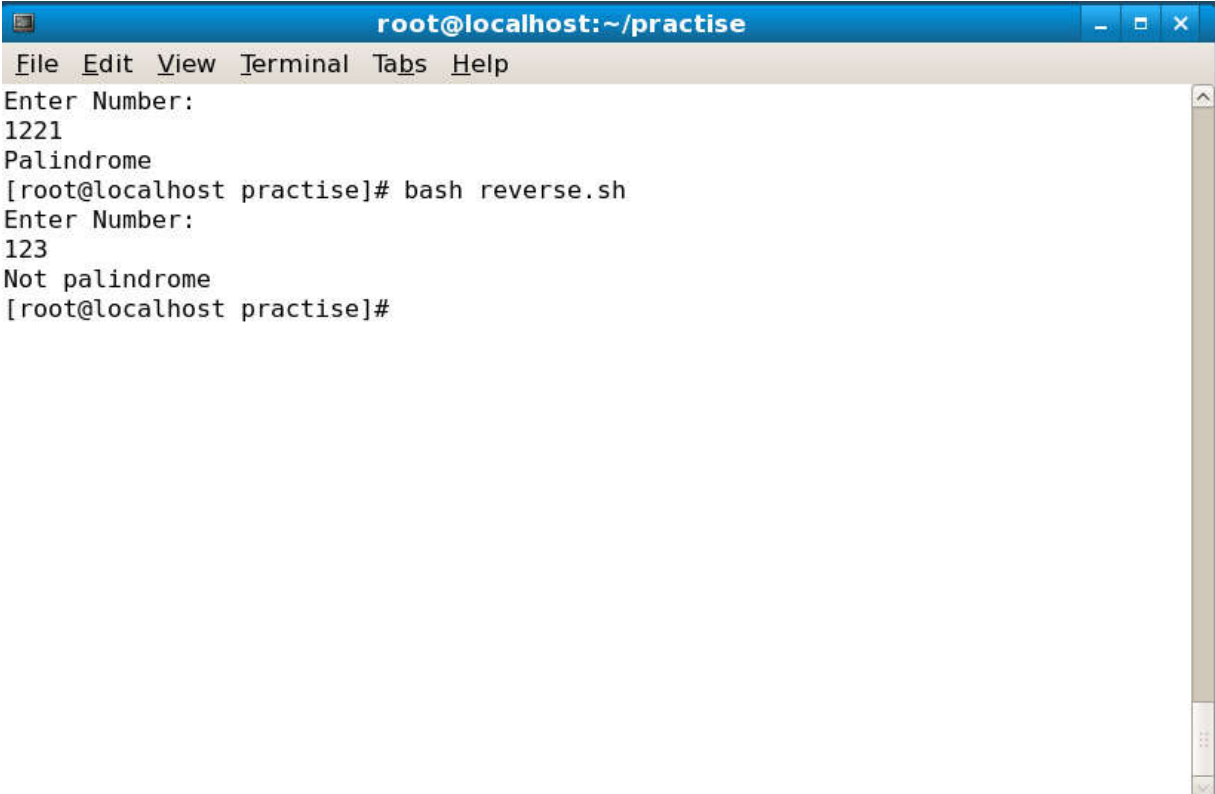
- 1) Write shell script to check whether given user is a valid voter or not using case control.
- 2) Write shell script to check whether given number is a palindrome or not.



A terminal window titled "root@localhost: ~/practise" with a menu bar containing "File", "Edit", "View", "Terminal", "Tabs", and "Help". The terminal displays the execution of a script named "voter.sh". The script prompts for a person's name and age, checks if they are eligible to vote (based on being 18 or older), and prints a message. The first run with name "anirudh" and age "21" results in "Eligible to vote.". The second run with name "Sunidhi" and age "17" results in "Not eligible to vote.". The third run with name "Nagendra" and age "m" results in "Invalid Option".

```
root@localhost: ~/practise
File Edit View Terminal Tabs Help

[root@localhost practise]# bash voter.sh
Enter name of person:
anirudh
Enter age:
21
Eligible to vote.
[root@localhost practise]# bash voter.sh
Enter name of person:
Sunidhi
Enter age:
17
Not eligible to vote.
[root@localhost practise]# bash voter.sh
Enter name of person:
Nagendra
Enter age:
m
Invalid Option
[root@localhost practise]#
```



```
root@localhost:~/practise
File Edit View Terminal Tabs Help
Enter Number:
1221
Palindrome
[root@localhost practise]# bash reverse.sh
Enter Number:
123
Not palindrome
[root@localhost practise]#
```

The image shows a terminal window titled "root@localhost:~/practise". The window has a menu bar with "File", "Edit", "View", "Terminal", "Tabs", and "Help". The terminal content shows a script execution. It starts with "Enter Number:", followed by the input "1221", and the output "Palindrome". Then, the user runs the command "[root@localhost practise]# bash reverse.sh". This is followed by another "Enter Number:" prompt, the input "123", and the output "Not palindrome". The prompt "[root@localhost practise]#" appears at the end.