

1. Write the output of the following shell scripts.

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```
#!/bin/bash
i=4
z=12
[ $i -eq 4 ]
[ $z -gt 12 ]
echo $?
```

Output:

```
#!/bin/bash
i=5
if [ ! -z $i ]
then
    echo "Lovely!"
else
    echo "Ugly!"
fi
```

Output:

2. Write the meaning of each of the following sed commands

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i) sed 'Linux/s/Ubuntu/Xubuntu/g'

ii) sed -n '1~2!'p

iii) sed '/^^.*\$\$/d'

iv) sed -e '4d' -e '2d'

v) sed '2s/Midsemester/Painfultimes/'

3. Write short notes on the following with respect to shell programming:
export, source

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(use the other side of this page for answering question 3)