

UNIX LAB

Aim:

**1a. Print records of employees having salary 10000 or 20000.
(use GREP)**

1b. Using shell script check if string x is substring of string y.

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(use GREP)**

Command:

```
grep -E '(10000|20000)' emp.txt
```

Input:

```
ID Name Salary Experience(Yrs) Designation
001 Aditya 50000 11 Engineer
002 Harsh 20000 13 Director
003 Pooja 25000 5 Engineer
004 Ram 15000 2 Engineer
005 Preeti 35000 7 Manager
006 Mukesh 12000 2 Engineer
007 Karan 45000 4 Manager
008 Arjun 20000 11 Engineer
009 Arya 40000 10 Director
010 Hrishi 25000 4 Manager
```

Output:

```
> grep -E '(10000|20000)' emp.txt
002 Harsh 20000 13 Director
008 Arjun 20000 11 Engineer
```

1b. Using shell script check if string x is substring of string y.

Code:

```
#!/bin/bash

STR='GNU/Linux is an operating system'
SUB='Linux'
if [[ "$STR" == *"$SUB"* ]]; then
    echo "It's there."
fi
```

Input:

```
STR='GNU/Linux is an operating system'
SUB='Linux'
```

Output:

```
> chmod u+x lab.sh
> ./lab.sh
It's there.
```