

## **Lab Practical 6 Submission**

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**Course Code and Name: 2CSOE53 OS**

### **Aim:**

- a) Write a shell script to compare the contents of two files.
- b) Write a shell script to concatenate all given file into a single file.

### **input:**

cmp1

```
1 Hello
2 Cat
3 Dog
4 Jigar
5 My name is Meet
6
```

cmp2

```
1 Hello
2 Siddhant
3 Nirma
4 Operating System
5 My name is Meet
```

Code:

```
1 echo "Using diff: "
2 diff /home/nirma/Downloads/copy/cmp1 /home/nirma/Downloads/copy2/cmp2
3 echo "Using cmp: "
4 cmp /home/nirma/Downloads/copy/cmp1 /home/nirma/Downloads/copy2/cmp2
5 echo "Using com: "
6 com /home/nirma/Downloads/copy/cmp1 /home/nirma/Downloads/copy2/cmp2
7 echo "Using sdiff: "
8 sdiff /home/nirma/Downloads/copy/cmp1 /home/nirma/Downloads/copy2/cmp2
9 cat /home/nirma/Downloads/copy/cmp1 /home/nirma/Downloads/copy2/cmp2 > /rt...
```

Output:

a)

```
Using diff:
2,4c2,4
< Cat
< Dog
< Jigar
---
> Siddhant
> Nirma
> Operating System
6d5
<
Using cmp:
/home/nirma/Downloads/copy/cmp1 /home/nirma/Downloads/copy2/cmp2 differ: byte 7, line 2
Using com:Practical1a HelloWorldApp.
./script.sh: line 6: com: command not found
Using sdiff:
Hello
Cat
Dog
Jigar
My name is Meett
Hello
| Siddhant
| Nirma
| Operating System
| My name is Meet
<
```

b)

```
1 Hello
2 Cat
3 Dog
4 Jigar
5 My name is Meet
6
7 Hello
8 Siddhant
9 Nirma
10 Operating System
11 My name is Meet
```