

//S Harshini-185001058

Task 1

Write sed command to include duplicate lines between the contents of the file.

```
cs1058@spl2:~/Desktop$ cat>append
```

```
hii
```

```
nice to meet you
```

```
the weather is very good
```

```
and i would like to go shopping
```

```
^C
```

```
cs1058@spl2:~/Desktop$ cat>script
```

```
a\
```

```
^C
```

```
cs1058@spl2:~/Desktop$ sed -f script append
```

```
hii
```

```
nice to meet you
```

```
the weather is very good
```

```
and i would like to go shopping
```

Task2

Generate the sequence of numbers from 1 to 100. Write the sed command to reverse these numbers

```
cs1058@spl2:~/Desktop$ seq 1 100 1>sequence
```

```
cs1058@spl2:~/Desktop$ cat sequence
```

```
1
```

```
2
```

```
3
```

```
4
```

```
5
```

```
6
```

```
7
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8
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11
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96
97

98
99
100

cs1058@spl2:~/Desktop\$ sed -n '1!G;h;\$p' sequence

100
99
98
97
96
95
94
93
92
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88
87
86
85
84
83
82
81
80
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2
1

Task 3

Create a file named email.txt with the following contents. In this file long lines are split and marked with a soft line break consisting of a single '=' character at the end of the line. Write sed command to join the lines by removing the soft line breaks

```
cs1058@spl2:~/Desktop$ cat email.txt
contents of message.txt
all the wor=
ld's a stag=
e,
and all the=
men and wo=
men merely=
players:
they have t=
heir exits =
and their e=
ntrances;
and one man=
in his tim=
e plays man=
y parts.
```

```
cs1058@spl2:~/Desktop$ sed ':x;/=/${N;s/=\\n//;bx}' email.txt  
contents of message.txt
```

all the world's a stage,
and all the men and women merely players:
they have their exits and their entrances;
and one man in his time plays many parts.