Basics of Redirection (error handling)
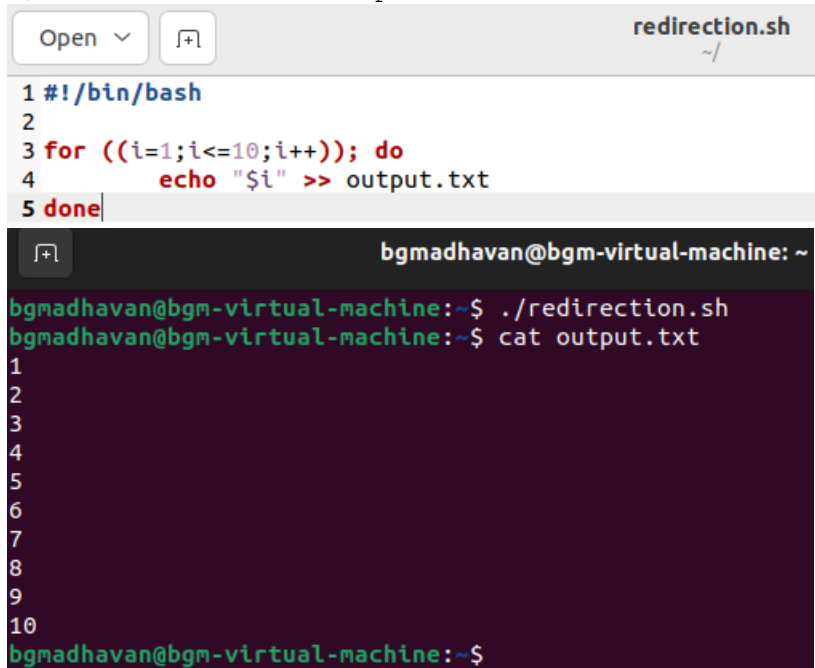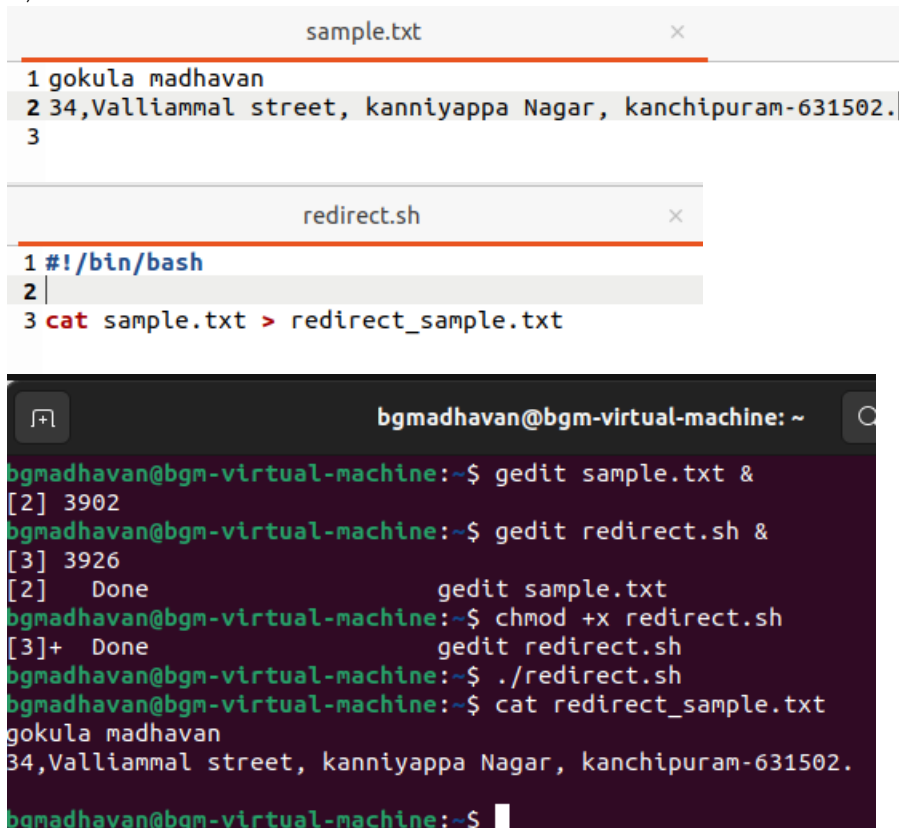
1) Write a program in any language like C, C++, Java.
2) And redirect the output or error to a new file.

```
Open ⌄    [+]                          redirection.sh
                                            ~/
1 #!/bin/bash
2
3 for ((i=1;i<=10;i++)); do
4        echo "$i" >> output.txt
5 done
```

```
[+]                    bgmadhavan@bgm-virtual-machine: ~

bgmadhavan@bgm-virtual-machine:~$ ./redirection.sh
bgmadhavan@bgm-virtual-machine:~$ cat output.txt
1
2
3
4
5
6
7
8
9
10
bgmadhavan@bgm-virtual-machine:~$
```

3) Create a text file with some content like your name, address.
4) Redirect the content to a new file.

```
                        sample.txt                        ×

1 gokula madhavan
2 34,Valliammal street, kanniyappa Nagar, kanchipuram-631502.
3
```

```
                        redirect.sh                       ×
1 #!/bin/bash
2 |
3 cat sample.txt > redirect_sample.txt
```

```
[+]                    bgmadhavan@bgm-virtual-machine: ~          Q

bgmadhavan@bgm-virtual-machine:~$ gedit sample.txt &
[2] 3902
bgmadhavan@bgm-virtual-machine:~$ gedit redirect.sh &
[3] 3926
[2]    Done                    gedit sample.txt
bgmadhavan@bgm-virtual-machine:~$ chmod +x redirect.sh
[3]+   Done                    gedit redirect.sh
bgmadhavan@bgm-virtual-machine:~$ ./redirect.sh
bgmadhavan@bgm-virtual-machine:~$ cat redirect_sample.txt
gokula madhavan
34,Valliammal street, kanniyappa Nagar, kanchipuram-631502.

bgmadhavan@bgm-virtual-machine:~$ ▮
```