

## EXPERIMENT NO. 8

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MOODLE ID: 20102068

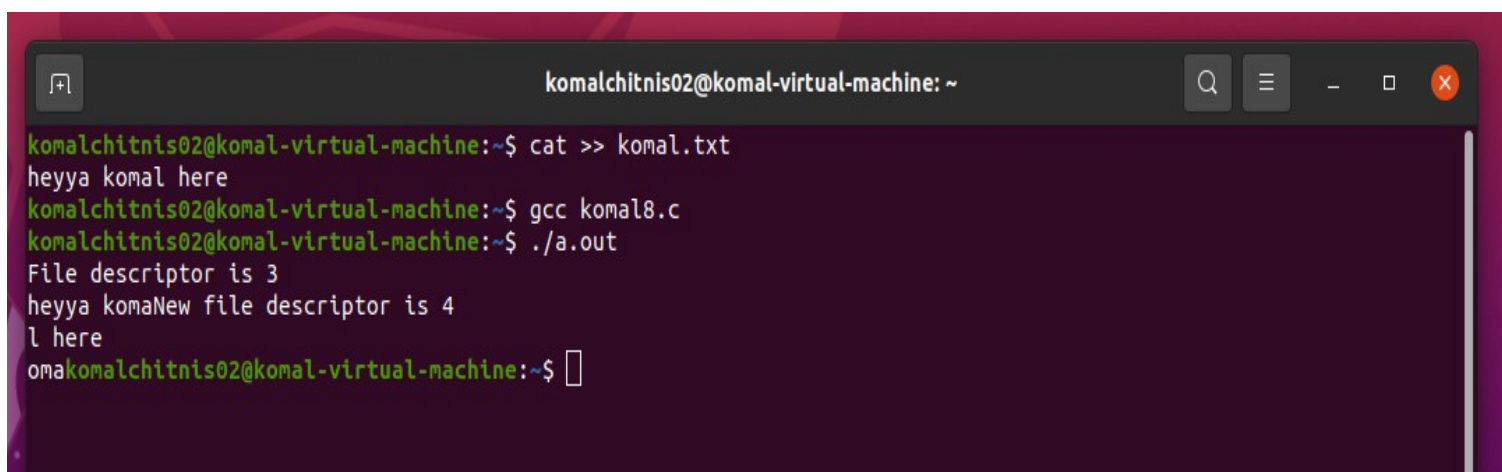
ROLL NO: 26

DIV: A

### PROGRAM:

```
#include<unistd.h>
#include<stdio.h>
#include<fcntl.h>
int main()
{
int old_fd,new_fd;
char buff[10];
old_fd=open("komal.txt",O_RDWR);
printf("File descriptor is %d\n",old_fd);
read(old_fd,buff,10);//read first 10 characters using old file descriptor
write(1,buff,10);//prints them on screen
new_fd=dup(old_fd);//duplicates file descriptor
printf("New file descriptor is %d\n",new_fd);
read(new_fd,buff,10);//this read will read the next 10 characters even if new file
write(1,buff,10);
}
```

### OUTPUT:



```
komalchitnis02@komal-virtual-machine: ~
komalchitnis02@komal-virtual-machine:~$ cat >> komal.txt
heyya komal here
komalchitnis02@komal-virtual-machine:~$ gcc komal8.c
komalchitnis02@komal-virtual-machine:~$ ./a.out
File descriptor is 3
heyya komaNew file descriptor is 4
l here
oma
```