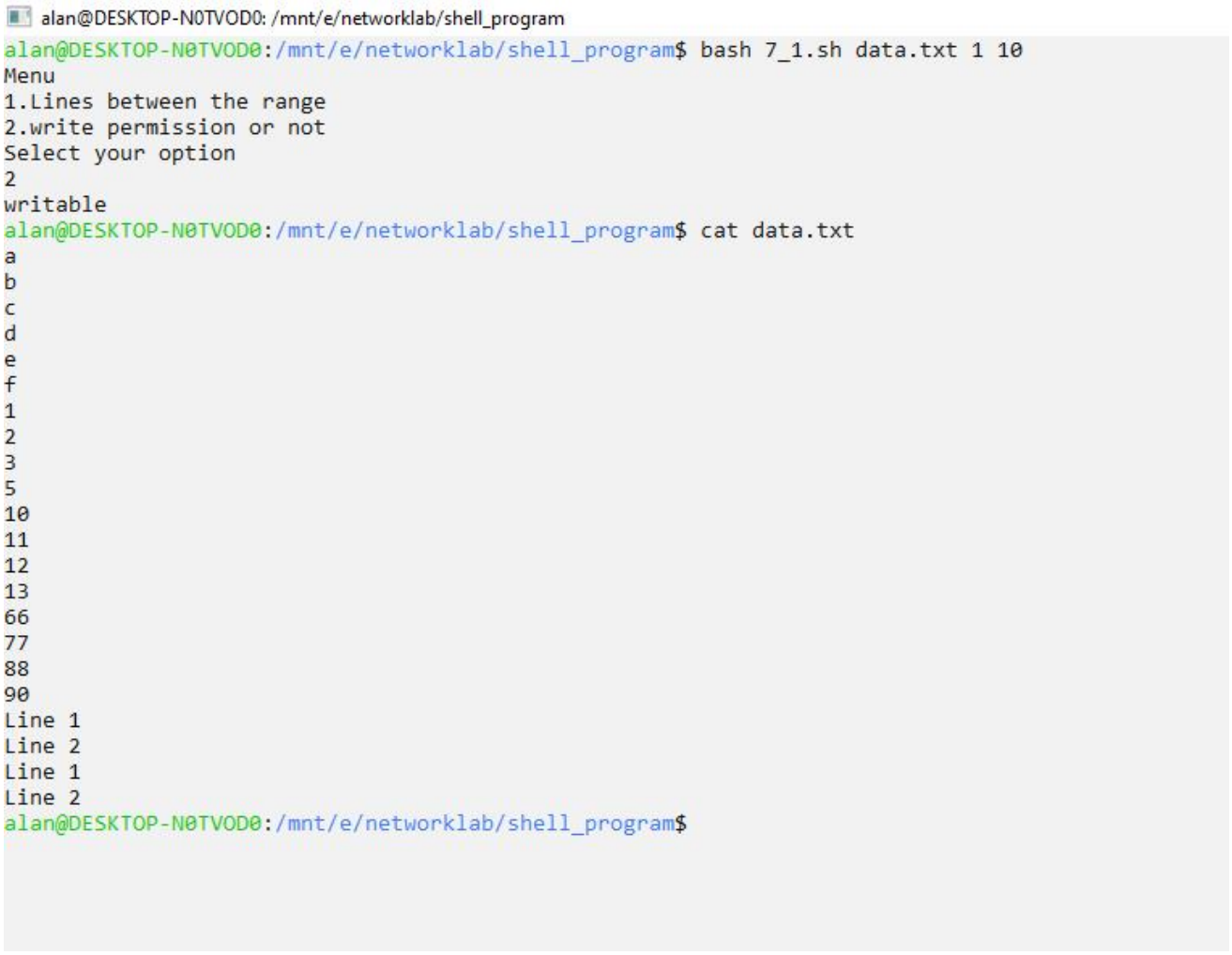
7.1 Write a menu- driven program for the following options

a. **Accept a file name, starting and ending line numbers as arguments and display all the lines between the given line numbers from the file.**
b. **Check whether the file has write permission or not, if there is write permission Append two more lines to that file.**

```
fname=$1;
start=$2;
end=$3;
echo "Menu";
echo "1.Lines between the range";
echo "2.write permission or not";
echo "Select your option";
read opt;
case $opt in
1)
end=$(($end-1));
d=$(($end-$start));
head -$end $fname | tail -$d
;;
2)
if [ -w $fname ]
then
echo "writable";
echo "Line 1">>$fname;
echo "Line 2">>$fname;
else
```

```
echo "No write permission";
fi
;;
*)
echo "invalid option"
esac
```



7.2 Write a shell program to find largest among three numbers

```
echo "enter the three numbers";
read a b c;
if [ $a -gt $b ] && [ $a -gt $c ]
```

```
then
        echo "$a is largest";
elif [ $b -gt $a ] && [ $b -gt $c ]
then
  echo "$b is largest";
 else
        echo "$c is largest";
 fi
```