6.1 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 no write permission give write permission 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";
else
chmod 222 $fname;
echo "write permission granted";
```

```
fi
;;
*)
echo "invalid option"
esac
```

6.2 Write a shell program that takes a number as command line argument and prints its table in below format:

2 * 1 = 2

2 * 2 = 4

…

2 * 10 = 20

```
n=$1;
for((i=1;i<=10;i++))
do
t=$(($n * $i));
echo "$n * $i=$t";
done
```