

Q2

Create a shell script file that iterate drawing shapes in the terminal. The script takes two inputs passed by argument from the terminal ( i.e. \$1 and \$2 ), the first argument ( \$1 ) is the shape selection while the second argument ( \$2 ) is the number of iteration.

Code

```
emad@vbox: ~/Desktop/emad1007395/assignment1/Q2
GNU nano 2.5.3      File: q2.sh
#!/bin/bash

echo "Available shapes :"
echo "1: Square      2: Rectangle"
echo "3: Circle      4: Triangle"
echo "-----"
echo "Enter your choice number : "
read choice
echo ""

case $choice in
1) echo "xxxxx"
   echo "xxxxx"
   echo "xxxxx";;
2) echo "xxxxxxxxxxxxx"
   echo "xxxxxxxxxxxxx"
   echo "xxxxxxxxxxxxx";;
3) echo "  xx"
   echo "  xxxxxx"
   echo " xxxxxxxxxx"
   echo " xxxxxxxxxx"
   echo "  xxxxxx"
   echo "  xx";;
4) echo "  x"
   echo "  xxx"
   echo "  xxxxx"
   echo " xxxxxxxx"
   echo "xxxxxxxxx";;
esac
echo ""

^G Get Help      ^O Write Out    ^W Where Is     ^K Cut Text
^X Exit          ^R Read File    ^\ Replace      ^U Uncut Text
```

Screenshot

```
emad@vbox: ~/Desktop/emad1007395/assignment1/Q2
emad@vbox:~/Desktop/emad1007395/assignment1/Q2$ sh q2.sh
Available shapes :
1: Square      2: Rectangle
3: Circle      4: Triangle
-----
Enter your choice number :
1
XXXXX
XXXXX
XXXXX

emad@vbox:~/Desktop/emad1007395/assignment1/Q2$ sh q2.sh
Available shapes :
1: Square      2: Rectangle
3: Circle      4: Triangle
-----
Enter your choice number :
2
XXXXXXXXXXXXX
XXXXXXXXXXXXX
XXXXXXXXXXXXX

emad@vbox:~/Desktop/emad1007395/assignment1/Q2$ sh q2.sh
Available shapes :
1: Square      2: Rectangle
3: Circle      4: Triangle
-----
Enter your choice number :
3
      XX
     XXXXX
XXXXXXXXXXXXX
XXXXXXXXXXXXX
     XXXXX
      XX

emad@vbox:~/Desktop/emad1007395/assignment1/Q2$ sh q2.sh
Available shapes :
1: Square      2: Rectangle
3: Circle      4: Triangle
-----
Enter your choice number :
4
      X
     XXX
    XXXXX
  XXXXXXXX
XXXXXXXXXXXXX
```