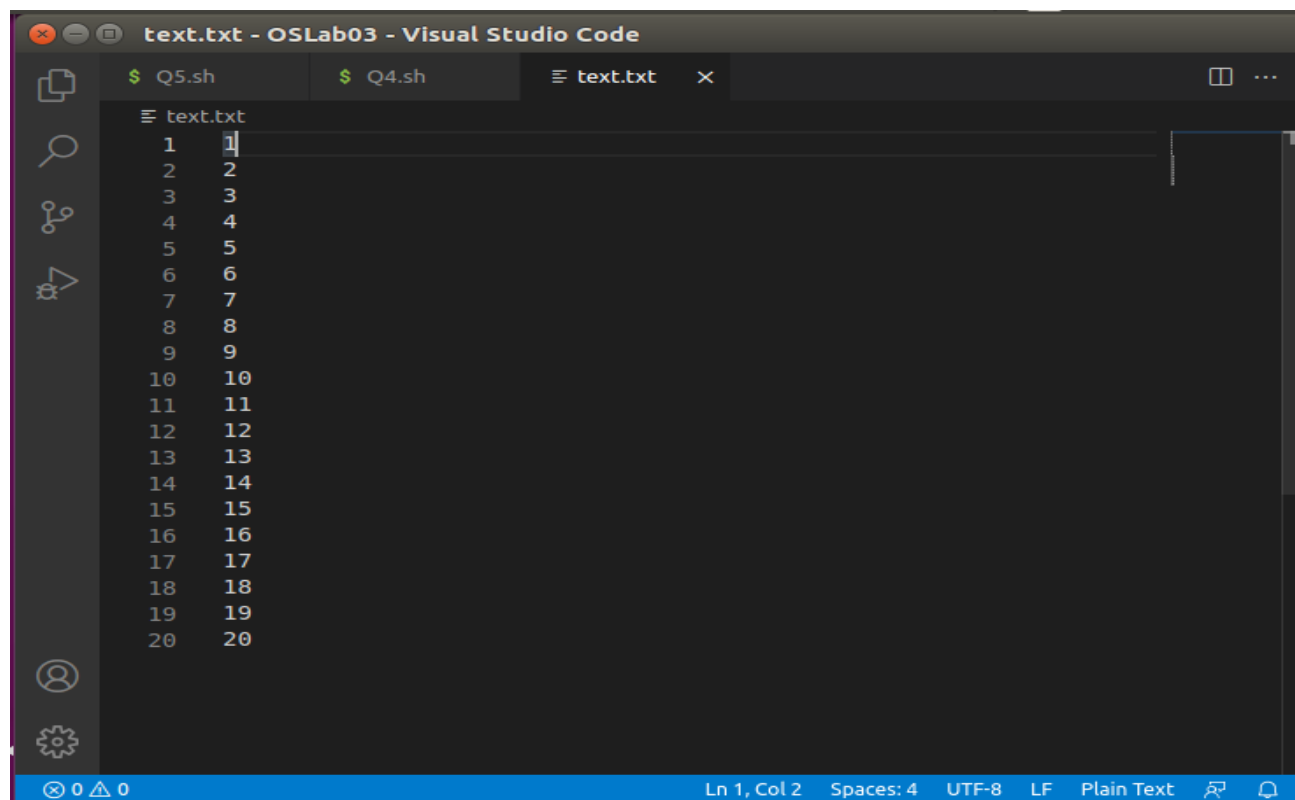


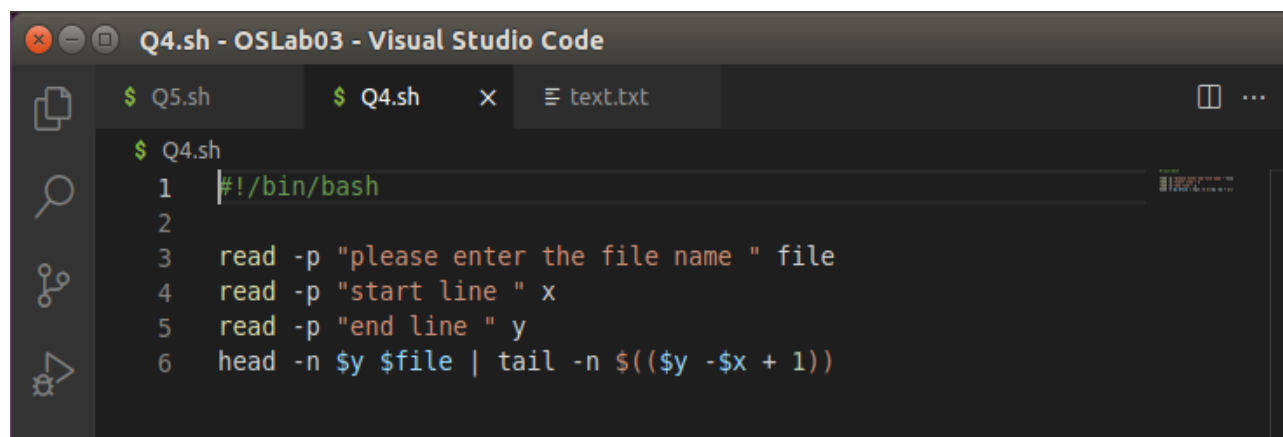
محمد مهدی نظری ۹۹۳۱۰۶۱ – امید خباز قانع ۹۹۳۱۰۱۸

بخش دوم آزمایش ۴ : سوالات ۴ و ۵

(۴



```
text.txt - OSLab03 - Visual Studio Code
$ Q5.sh  $ Q4.sh  text.txt
1 1
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9
10 10
11 11
12 12
13 13
14 14
15 15
16 16
17 17
18 18
19 19
20 20
```



```
Q4.sh - OSLab03 - Visual Studio Code
$ Q5.sh  $ Q4.sh  text.txt
$ Q4.sh
1 #!/bin/bash
2
3 read -p "please enter the file name " file
4 read -p "start line " x
5 read -p "end line " y
6 head -n $y $file | tail -n $((y - x + 1))
```

```
mmnazari@MMNazari1380: ~/Desktop/OSLab03
mmnazari@MMNazari1380:~$ cd Desktop/
mmnazari@MMNazari1380:~/Desktop$ cd OSLab03
mmnazari@MMNazari1380:~/Desktop/OSLab03$ bash Q4.sh
please enter the file name text.txt
start line 2
end line 8
2
3
4
5
6
7
8
mmnazari@MMNazari1380:~/Desktop/OSLab03$
```

(5

```
Q5.sh - OSLab03 - Visual Studio Code
$ Q5.sh  x  $ Q4.sh  text.txt
$ Q5.sh
1  #!/bin/bash
2
3  read -p "please enter a number between 1,2,3 " x
4  case $x in
5      1)
6          for ((i=0; i<=4; i++))
7              do
8                  for ((j=0; j<=i; j++))
9                      do
10                         echo -n " |"
11                     done
12                     echo -n " _"
13                     echo
14                 done
15             ;;
```

```

16      2)
17      for ((i=5; i>=0; i--))
18      do
19          for ((j=0; j<=i-1; j++))
20          do
21              echo -n " "
22          done
23          for((k=5; k>=i; k--))
24          do
25              echo -n "*"
26          done
27          echo
28      done
29      for ((ii=0; ii<=5; ii++))
30      do
31          for ((jj=0; jj<=ii-1; jj++))
32          do
33              echo -n " "
34          done
35          for((kk=5; kk>=ii; kk--))
36          do
37              echo -n "*"
38          done

```

0

Ln 35, Col 38 Spaces: 4 UTF-8 LF Shell

```

39          echo
40      done
41      ;;
42      3)
43      for ((i=1; i<=5; i++))
44      do
45          for ((j=1; j<=i; j++))
46          do
47              echo -n $i
48          done
49          echo
50      done
51      ;;
52  esac

```

```
mmnazari@MMNazari1380:~/Desktop/OSLab03$ bash Q5.sh
please enter a number betweenn 1,2,3 1
```

Age Group	Number of People
10-19	100
20-29	90
30-39	80
40-49	70
50-59	60
60-69	50
70-79	40
80-89	30
90-99	10

```
mmnazari@MMNazari1380:~/Desktop/OSLab03$
```

```
mmnazari@MMNazari1380:~/Desktop/OSLab03$ bash Q5.sh
please enter a number betwenn 1,2,3 2
```

```
mmnazari@MMNazari1380:~/Desktop/OSLab03$ bash Q5.sh
please enter a number betwenn 1,2,3 3
```

1
22
333
4444
55555

```
mmnazari@MMNazari1380:~/Desktop/OSLab03$
```