



دانشکده مهندسی کامپیوتر

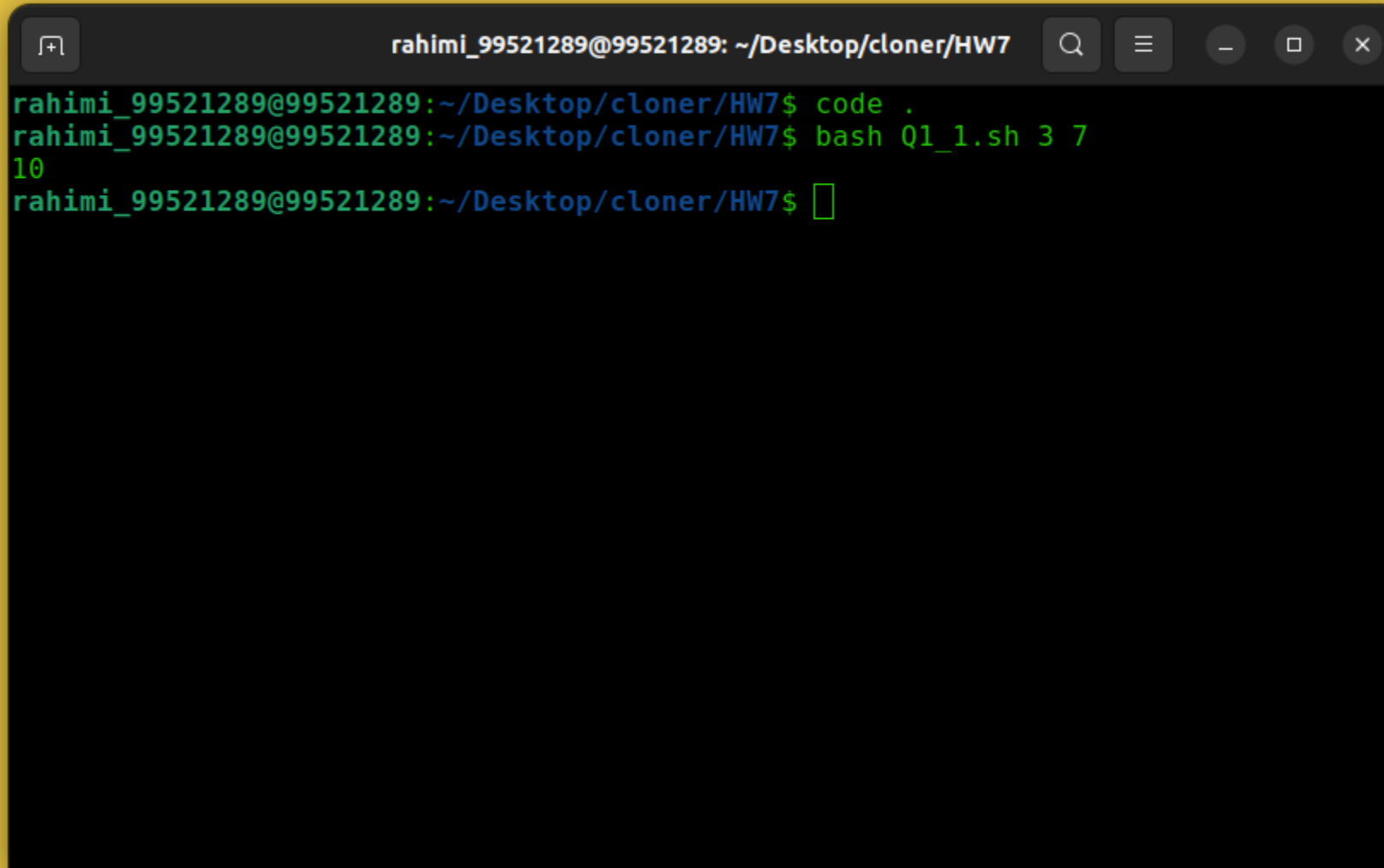
آزمایشگاه سیستم عامل

تمرین جلسه هفتم

استاد : دکتر شیخی

پوریا رحیمی (۹۹۵۲۱۲۸۹)

Q1_I)

A terminal window with a dark background and light green text. The window title is "rahimi_99521289@99521289: ~/Desktop/cloner/HW7". The terminal shows three lines of text: the first line is the prompt followed by "code .", the second line is the prompt followed by "bash Q1_1.sh 3 7" and the output "10", and the third line is the prompt followed by a cursor. The window has standard macOS window controls (red, yellow, green buttons) and a search icon in the top right.

```
rahimi_99521289@99521289: ~/Desktop/cloner/HW7$ code .
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q1_1.sh 3 7
10
rahimi_99521289@99521289:~/Desktop/cloner/HW7$
```

Q1_2)

```
rahimi_99521289@99521289: ~/Desktop/cloner/HW7
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q1_2.sh 1 0
1
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q1_2.sh 10 40
40
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q1_2.sh 7 8
8
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q1_2.sh 2 3
3
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q1_2.sh 3 2
3
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q1_2.sh 40 5
40
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q1_2.sh 8 6
8
rahimi_99521289@99521289:~/Desktop/cloner/HW7$
```

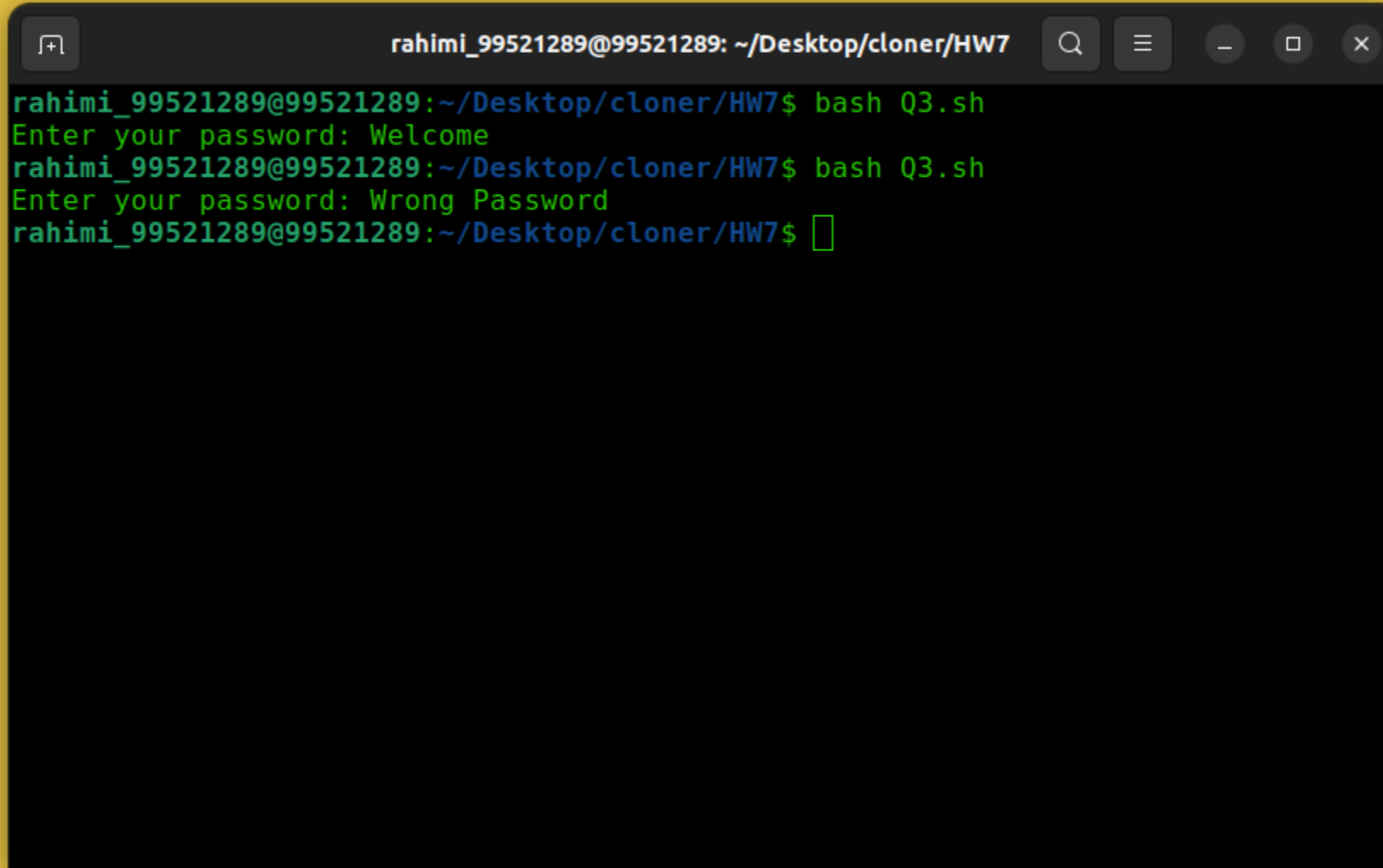
Q1_3)

```
rahimi_99521289@99521289: ~/Desktop/cloner/HW7
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q1_3.sh 6 2
4
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q1_3.sh 2 6
4
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q1_3.sh 6 6
0
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q1_3.sh 2 5
3
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q1_3.sh 5 2
3
rahimi_99521289@99521289:~/Desktop/cloner/HW7$
```

Q2)

```
rahimi_99521289@99521289: ~/Desktop/cloner/HW7
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q2.sh 6 + 2
8
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q2.sh 6 - 2
4
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q2.sh 6 x 2
12
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q2.sh 6 / 2
3
rahimi_99521289@99521289:~/Desktop/cloner/HW7$
```

Q3)



```
rahimi_99521289@99521289: ~/Desktop/cloner/HW7
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q3.sh
Enter your password: Welcome
rahimi_99521289@99521289:~/Desktop/cloner/HW7$ bash Q3.sh
Enter your password: Wrong Password
rahimi_99521289@99521289:~/Desktop/cloner/HW7$
```

The image shows a terminal window with a dark background and light green text. The window title is "rahimi_99521289@99521289: ~/Desktop/cloner/HW7". The terminal content shows two executions of a script named "Q3.sh". The first execution prompts for a password and returns "Welcome". The second execution prompts for a password and returns "Wrong Password". The prompt "rahimi_99521289@99521289:~/Desktop/cloner/HW7\$" is shown at the end of each line.