



BIRZEIT UNIVERSITY

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Linux Laboratory – ENCS3130

Example Runs

Shell Scripting project - Medical Test Management System

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Section: 7

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Run1:

```
C:\Users\TwitterStore\PycharmProjects\ProjectLinux2\.venv\Scripts\python.  
~~~~~Medical Record Management System~~~~~  
1. Add a new medical test  
2. Add a new patient record  
3. Update an existing patient record  
4. Update an existing test  
5. Filter and display records  
6. Generate summary report  
7. Exit  
Enter your choice: 1  
Enter test name: Bb  
Enter test range (e.g., '>13.8,<17.2'): >10,<20  
Enter test unit: Bb  
Enter turnaround time (DD-hh-mm): 00-02-10  
Test updated successfully.
```

```
C:\Users\TwitterStore\PycharmProjects\ProjectLinux2\.venv\Scripts\  
~~~~~Medical Record Management System~~~~~  
1. Add a new medical test  
2. Add a new patient record  
3. Update an existing patient record  
4. Update an existing test  
5. Filter and display records  
6. Generate summary report  
7. Exit  
Enter your choice: 3  
Enter patient ID: 1210382  
Enter test name: f  
Enter test date and time (YYYY-MM-DD hh:mm): 2024-03-03 03:03  
Enter new result value: 120  
Enter new result unit (Expected unit: mg/dL): mg/dL  
Enter new test status (Pending/Completed/Reviewed): completed  
Enter result end date (YYYY-MM-DD hh:mm): 2024-05-05 05:05
```

```

C:\Users\TwitterStore\PycharmProjects\ProjectLinux2\.venv\Scripts\pyth
~~~~~Medical Record Management System~~~~~
1. Add a new medical test
2. Add a new patient record
3. Update an existing patient record
4. Update an existing test
5. Filter and display records
6. Generate summary report
7. Exit
Enter your choice: 4
Enter the name of the test to update: Bb
Test Bb found. It will be updated.
Deleted existing record for test: Bb
Enter new range (e.g., '>13.8,<17.2'): >50
Enter new unit: BB
Enter new turnaround time (DD-hh-mm): 00-00-20
Test updated successfully.

```

```

Project2.py × medicalRecord.txt × medicalTest.txt ×
1 ?10382: f, 2024-05-05 02:02:00, 10.0, f, Completed, 2024-12-12 12:12:00 ✓
2 ?10382: LDL, 2024-05-06 05:00:00, 66.0, mg/dL, Completed, 2024-05-10 05:00:00
3 ?10382: systole, 2024-05-05 05:00:00, 166, mg/dL, completed, 2024-07-13 12:12:00
4 ?10382: Rasha, 2024-08-23 10:47:00, 13.0, Daoud, Pending
5

```

```

Project2.py × medicalRecord.txt × medicalTest.txt ×
3 systole;<120;mm Hg;00-08-04
4 diastole;<80;mm Hg;00-10-00
5 kk;>10;k;00-02-00
6 gh;>10,<20;gh;00-00-20
7 j;>10;j;00-00-10
8 f;>11,<21;kk;02-02-02
9 Rasha;>3,<16;Daoud;03-20-00
10 gg;>13,<21;ff/ff;00-02-00

```