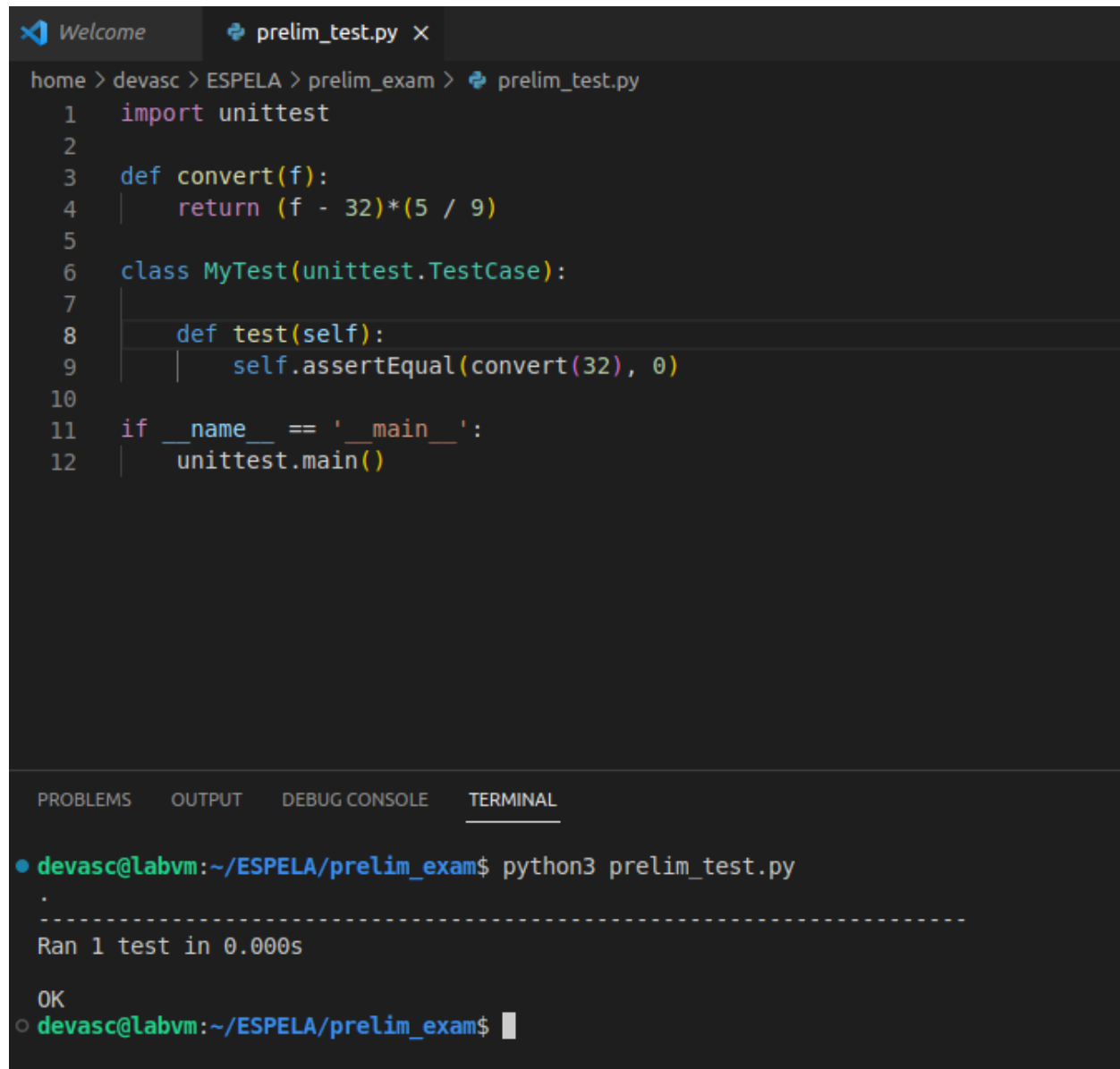


## PRELIM EXAMINATION

Name: Emerson R. Espela	Date: 02 / 27 / 23
Course & Section: CPE028-CPE41S1	Instructor: Engr. Alonica Villanueva

Successful test (Source Code and Result)



The screenshot displays a code editor with a dark theme. The top bar shows a 'Welcome' tab and a file named 'prelim\_test.py'. The editor contains the following Python code:

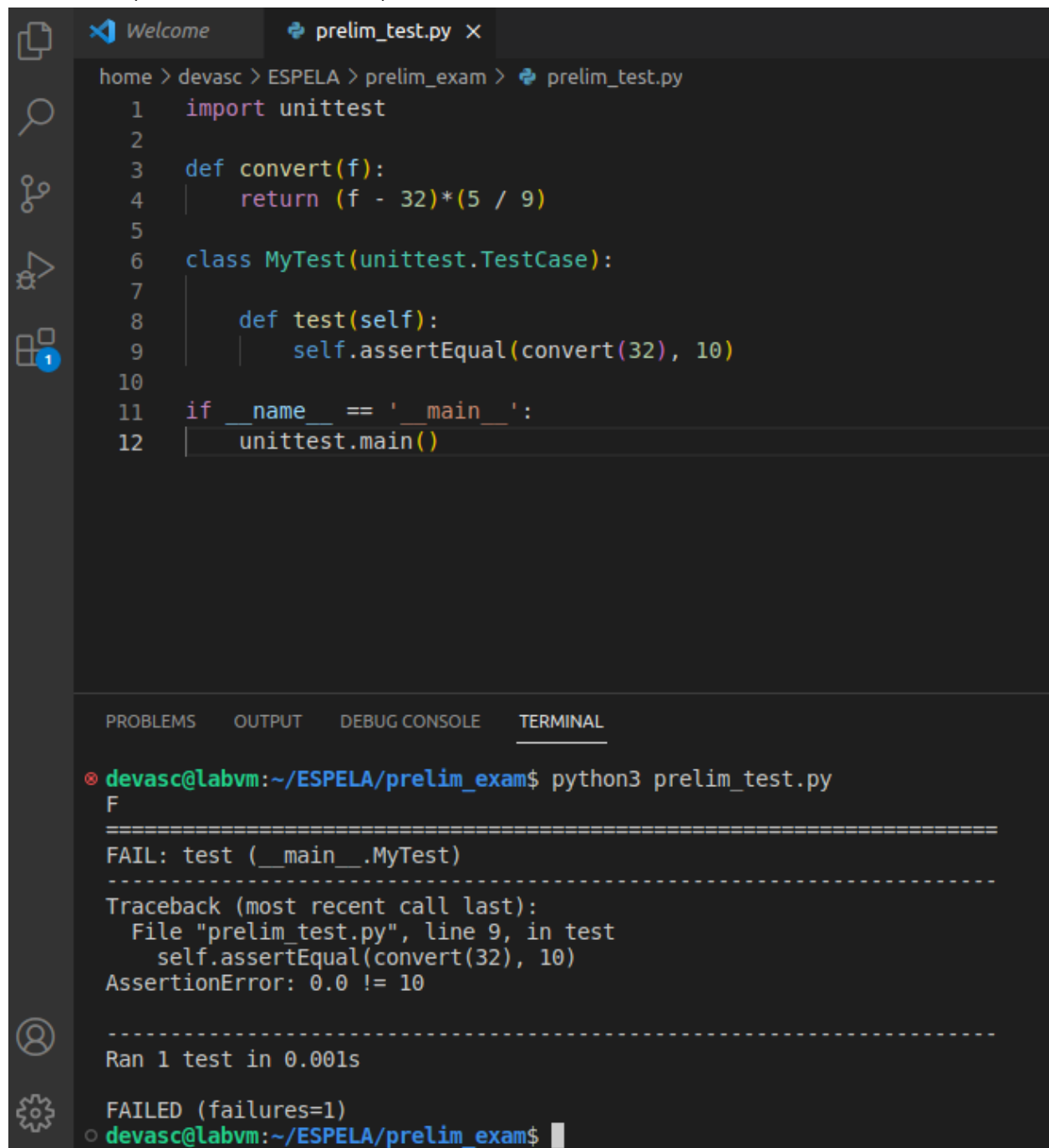
```
home > devasc > ESPELA > prelim_exam > prelim_test.py
1  import unittest
2
3  def convert(f):
4      return (f - 32)*(5 / 9)
5
6  class MyTest(unittest.TestCase):
7
8      def test(self):
9          self.assertEqual(convert(32), 0)
10
11  if __name__ == '__main__':
12      unittest.main()
```

Below the code editor, the 'TERMINAL' tab is active, showing the execution of the test file:

```
devasc@labvm:~/ESPELA/prelim_exam$ python3 prelim_test.py
.
-----
Ran 1 test in 0.000s

OK
devasc@labvm:~/ESPELA/prelim_exam$
```

## Failed Test (Source Code & Result)



```
home > devasc > ESPELA > prelim_exam > prelim_test.py
1  import unittest
2
3  def convert(f):
4      return (f - 32)*(5 / 9)
5
6  class MyTest(unittest.TestCase):
7
8      def test(self):
9          self.assertEqual(convert(32), 10)
10
11 if __name__ == '__main__':
12     unittest.main()
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
devasc@labvm:~/ESPELA/prelim_exam$ python3 prelim_test.py
F
=====
FAIL: test (__main__.MyTest)
-----
Traceback (most recent call last):
  File "prelim_test.py", line 9, in test
    self.assertEqual(convert(32), 10)
AssertionError: 0.0 != 10
-----
Ran 1 test in 0.001s

FAILED (failures=1)
devasc@labvm:~/ESPELA/prelim_exam$
```

## GitHub Commands

```
devasc@labvm: ~/ESPELA/prelim_exam/PRELIMEXAM_GITHUB
File Edit View Search Terminal Help
devasc@labvm:~/ESPELA/prelim_exam/PRELIMEXAM_GITHUB$ git init
Initialized empty Git repository in /home/devasc/ESPELA/prelim_exam/PRELIMEXAM_G
ITHUB/.git/
devasc@labvm:~/ESPELA/prelim_exam/PRELIMEXAM_GITHUB$ git remote add origin https
://github.com/EmersonEspela/PRELIMEXAM-GITHUB.git
devasc@labvm:~/ESPELA/prelim_exam/PRELIMEXAM_GITHUB$ git add prelim_test.py
fatal: pathspec 'prelim_test.py' did not match any files
devasc@labvm:~/ESPELA/prelim_exam/PRELIMEXAM_GITHUB$ git add prelim_test.py
devasc@labvm:~/ESPELA/prelim_exam/PRELIMEXAM_GITHUB$ git commit -m "prelim_exam
conversion"
[master (root-commit) bee4bb0] prelim_exam conversion
 1 file changed, 12 insertions(+)
 create mode 100644 prelim_test.py
devasc@labvm:~/ESPELA/prelim_exam/PRELIMEXAM_GITHUB$ git push -u origin master
Username for 'https://github.com': EmersonEspela
Password for 'https://EmersonEspela@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 370 bytes | 370.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/EmersonEspela/PRELIMEXAM-GITHUB.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
devasc@labvm:~/ESPELA/prelim_exam/PRELIMEXAM_GITHUB$
```

## GitHub Repo

The screenshot shows the GitHub repository page for `EmersonEspela / PRELIMEXAM-GITHUB`. The repository is public and has 0 stars, 1 watcher, and 0 forks. The main branch is `master`, which has 1 branch and 0 tags. The commit history shows a single commit by EmersonEspela titled "prelim\_exam conversion" with the commit hash `bee4bb0` and a message "prelim\_exam conversion". The repository also has a `prelim_test.py` file. A blue banner at the bottom of the repository page encourages adding a README. The right sidebar contains sections for "About" (prelim examination on CPE028), "Releases" (No releases published), and "Packages" (No packages published).