

```
Maximum.py U X MaximumTest.py U M makefile U
cs330e-class > assignments > A3 > Maximum.py > ...
1 def maximum(a, b, c):
2     list = [a, b, c]
3     return max(list)
4
```

```
Maximum.py U MaximumTest.py U X M makefile U
cs330e-class > assignments > A3 > MaximumTest.py > ...
1 from unittest import main, TestCase
2 from Maximum import maximum
3
4 class MyUnitTests(TestCase):
5     def test_1(self):
6         self.assertEqual(maximum(1,2,3), 3)
7
8 if __name__ == '__main__': #pragma: no cover
9     main()
```

```
Maximum.py U MaximumTest.py U M makefile U X
cs330e-class > assignments > A3 > M makefile
1 MaximumTest.tmp: Maximum.py MaximumTest.py
2     coverage run --branch MaximumTest.py > MaximumTest.tmp 2>&1
3     coverage report -m >> MaximumTest.tmp 2>&1
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
bash + - [ ] [ ] ... ^ X

markc@Mak MINGW64 ~/OneDrive - The University of Texas at Austin/UT Austin - Undergraduate/2023-2024
Senior/Fall2023/CS330E - Software Engineering 1
$ cd cs330e-class/assignments/A3

markc@Mak MINGW64 ~/OneDrive - The University of Texas at Austin/UT Austin - Undergraduate/2023-2024
Senior/Fall2023/CS330E - Software Engineering 1/cs330e-class/assignments/A3 (main)
$ make MaximumTest.tmp
coverage run --branch MaximumTest.py > MaximumTest.tmp 2>&1
coverage report -m >> MaximumTest.tmp 2>&1

markc@Mak MINGW64 ~/OneDrive - The University of Texas at Austin/UT Austin - Undergraduate/2023-2024
Senior/Fall2023/CS330E - Software Engineering 1/cs330e-class/assignments/A3 (main)
$ [ ]
```

```
Maximum.py U MaximumTest.py U M makefile U MaximumTest.tmp U X
cs330e-class > assignments > A3 > MaximumTest.tmp
1 .
2 -----
3 Ran 1 test in 0.000s
4
5 OK
6 Name          StmtS  Miss Branch BrPart  Cover  Missing
7 -----
8 Maximum.py      3      0      0      0   100%
9 MaximumTest.py  5      0      0      0   100%
10 -----
11 TOTAL          8      0      0      0   100%
12
```