

IT314(SE)
Lab-5

Lab-5

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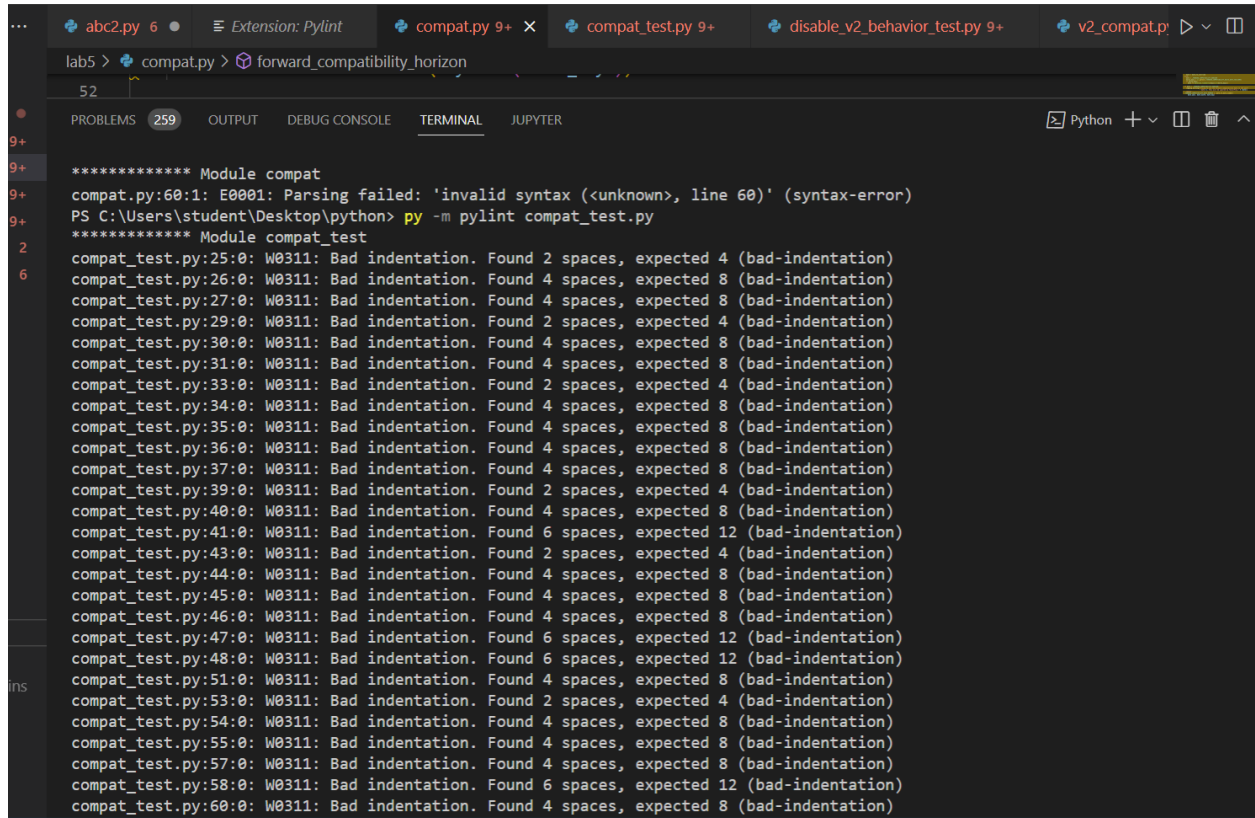
Code Repo link:

<https://github.com/tensorflow/tensorflow/tree/master/tensorflow/python/compat>

```
2 141 | Yields:
6
PROBLEMS 259 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Python + - [ ] [ ] ^ x

PS C:\Users\student\Desktop\python> pip install pylint
Defaulting to user installation because normal site-packages is not writeable
Collecting pylint
  Downloading pylint-2.17.0-py3-none-any.whl (535 kB)
    535.4/535.4 KB 6.6 MB/s eta 0:00:00
Collecting tomlkit>=0.10.1
  Downloading tomlkit-0.11.6-py3-none-any.whl (35 kB)
Requirement already satisfied: mccabe<0.8,>=0.6 in c:\users\student\appdata\roaming\python\python310\site-packages (from pylint) (0.7.0)
Collecting platformdirs>=2.2.0
  Downloading platformdirs-3.1.1-py3-none-any.whl (14 kB)
Requirement already satisfied: colorama>=0.4.5 in c:\users\student\appdata\roaming\python\python310\site-packages (from pylint) (0.4.5)
Requirement already satisfied: tomli>=1.1.0 in c:\users\student\appdata\roaming\python\python310\site-packages (from pylint) (2.0.1)
Collecting isort<6,>=4.2.5
  Downloading isort-5.12.0-py3-none-any.whl (91 kB)
    91.2/91.2 KB ? eta 0:00:00
Collecting dill>=0.2
  Downloading dill-0.3.6-py3-none-any.whl (110 kB)
    110.5/110.5 KB 6.7 MB/s eta 0:00:00
Collecting astroid<=2.17.0-dev0,>=2.15.0
  Downloading astroid-2.15.0-py3-none-any.whl (277 kB)
```

```
File "C:\Users\student\Desktop\python\compat.py", line 1, in <module>
    from tensorflow.python import tf2
ModuleNotFoundError: No module named 'tensorflow'
PS C:\Users\student\Desktop\python> py -m pylint compat.py
***** Module compat
compat.py:60:1: E0001: Parsing failed: 'invalid syntax (<unknown>, line 60)' (syntax-error)
```



The screenshot shows a VS Code editor with a terminal window open. The terminal output is as follows:

```
lab5 > compat.py > forward_compatibility_horizon
52
PROBLEMS 259 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER Python + v - 
***** Module compat
compat.py:60:1: E0001: Parsing failed: 'invalid syntax (<unknown>, line 60)' (syntax-error)
PS C:\Users\student\Desktop\python> py -m pylint compat_test.py
***** Module compat_test
compat_test.py:25:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
compat_test.py:26:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:27:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:29:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
compat_test.py:30:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:31:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:33:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
compat_test.py:34:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:35:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:36:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:37:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:39:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
compat_test.py:40:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:41:0: W0311: Bad indentation. Found 6 spaces, expected 12 (bad-indentation)
compat_test.py:43:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
compat_test.py:44:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:45:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:46:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:47:0: W0311: Bad indentation. Found 6 spaces, expected 12 (bad-indentation)
compat_test.py:48:0: W0311: Bad indentation. Found 6 spaces, expected 12 (bad-indentation)
compat_test.py:51:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:53:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
compat_test.py:54:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:55:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:57:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:58:0: W0311: Bad indentation. Found 6 spaces, expected 12 (bad-indentation)
compat_test.py:60:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
```

```
lab5 > compat.py > forward_compatibility_horizon
52
PROBLEMS 259 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER Python
9+
9+ compat_test.py:110:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
9+ compat_test.py:111:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
9+ compat_test.py:112:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
2 compat_test.py:113:0: W0311: Bad indentation. Found 6 spaces, expected 12 (bad-indentation)
6 compat_test.py:114:0: W0311: Bad indentation. Found 6 spaces, expected 12 (bad-indentation)
compat_test.py:115:0: W0311: Bad indentation. Found 6 spaces, expected 12 (bad-indentation)
compat_test.py:116:0: W0311: Bad indentation. Found 6 spaces, expected 12 (bad-indentation)
compat_test.py:117:0: W0311: Bad indentation. Found 6 spaces, expected 12 (bad-indentation)
compat_test.py:118:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
compat_test.py:122:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
compat_test.py:19:0: E0401: Unable to import 'tensorflow.python.compat' (import-error)
compat_test.py:20:0: E0401: Unable to import 'tensorflow.python.platform' (import-error)
compat_test.py:29:26: C0103: Argument name "n" doesn't conform to snake_case naming style (invalid-name)
compat_test.py:33:2: C0116: Missing function or method docstring (missing-function-docstring)
compat_test.py:39:2: C0116: Missing function or method docstring (missing-function-docstring)
compat_test.py:53:2: C0116: Missing function or method docstring (missing-function-docstring)
compat_test.py:57:4: C0115: Missing class docstring (missing-class-docstring)
compat_test.py:69:2: C0116: Missing function or method docstring (missing-function-docstring)
compat_test.py:93:4: W0212: Access to a protected member _update_forward_compatibility_date_number of a client class (access)
compat_test.py:101:4: W0212: Access to a protected member _update_forward_compatibility_date_number of a client class (access)
compat_test.py:110:4: W0212: Access to a protected member _update_forward_compatibility_date_number of a client class (access)
1 mins
-----
Your code has been rated at 0.00/10
```

```
3 # Licensed under the Apache License, Version 2.0 (the "License");
4 # you may not use this file except in compliance with the License.
5 # You may obtain a copy of the License at
6 #
7 # http://www.apache.org/licenses/LICENSE-2.0
8 #
9+
2
6
9+ from tensorflow.python import tf2
ModuleNotFoundError: No module named 'tensorflow'
PS C:\Users\student\Desktop\python> py -m pylint compat.py
***** Module compat
9+ compat.py:60:1: E0001: Parsing failed: 'invalid syntax (<unknown>, line 60)' (syntax-error)
PS C:\Users\student\Desktop\python> py -m pylint v2_compat.py
***** Module v2_compat
9+ v2_compat.py:40:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:52:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:56:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:57:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:58:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:59:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:60:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:62:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:64:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:65:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:66:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:67:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:68:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:69:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:70:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:71:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:72:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
```

```

4 # you may not use this file except in compliance with the License.
5 # You may obtain a copy of the License at
6 #
7 # http://www.apache.org/licenses/LICENSE-2.0
8 #

```

PROBLEMS 450 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Python +

```

v2_compat.py:117:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
v2_compat.py:118:0: C0304: Final newline missing (missing-final-newline)
v2_compat.py:17:0: E0401: Unable to import 'tensorflow.python' (import-error)
v2_compat.py:18:0: E0401: Unable to import 'tensorflow.python.data.experimental.ops' (import-error)
v2_compat.py:19:0: E0401: Unable to import 'tensorflow.python.data.experimental.ops' (import-error)
v2_compat.py:20:0: E0401: Unable to import 'tensorflow.python.data.experimental.ops' (import-error)
v2_compat.py:21:0: E0401: Unable to import 'tensorflow.python.data.experimental.ops' (import-error)
v2_compat.py:22:0: E0401: Unable to import 'tensorflow.python.data.ops' (import-error)
v2_compat.py:23:0: E0401: Unable to import 'tensorflow.python.data.ops' (import-error)
v2_compat.py:24:0: E0401: Unable to import 'tensorflow.python.eager' (import-error)
v2_compat.py:25:0: E0401: Unable to import 'tensorflow.python.framework' (import-error)
v2_compat.py:26:0: E0401: Unable to import 'tensorflow.python.framework' (import-error)
v2_compat.py:27:0: E0401: Unable to import 'tensorflow.python.ops' (import-error)
v2_compat.py:28:0: E0401: Unable to import 'tensorflow.python.ops' (import-error)
v2_compat.py:30:0: E0401: Unable to import 'tensorflow.python.util.tf_export' (import-error)
v2_compat.py:118:0: W0104: Statement seems to have no effect (pointless-statement)
v2_compat.py:118:0: E0602: Undefined variable 'Footer' (undefined-variable)

```

Your code has been rated at 0.00/10

PS C:\Users\student\Desktop\python>

PS C:\Users\student\Desktop\python> py -m pylint disable_v2_behavior_test.py

***** Module disable_v2_behavior_test

```

disable_v2_behavior_test.py:26:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
disable_v2_behavior_test.py:27:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
disable_v2_behavior_test.py:28:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
disable_v2_behavior_test.py:29:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
disable_v2_behavior_test.py:30:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
disable_v2_behavior_test.py:31:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
disable_v2_behavior_test.py:32:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
disable_v2_behavior_test.py:33:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
disable_v2_behavior_test.py:34:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
disable_v2_behavior_test.py:35:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
disable_v2_behavior_test.py:39:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
disable_v2_behavior_test.py:40:0: C0304: Final newline missing (missing-final-newline)
disable_v2_behavior_test.py:40:0: W0311: Bad indentation. Found 2 spaces, expected 4 (bad-indentation)
disable_v2_behavior_test.py:17:0: E0401: Unable to import 'tensorflow.python.compat' (import-error)
disable_v2_behavior_test.py:18:0: E0401: Unable to import 'tensorflow.python.framework' (import-error)
disable_v2_behavior_test.py:19:0: E0401: Unable to import 'tensorflow.python.framework' (import-error)
disable_v2_behavior_test.py:20:0: E0401: Unable to import 'tensorflow.python.platform' (import-error)
disable_v2_behavior_test.py:21:0: E0401: Unable to import 'tensorflow.python.platform' (import-error)
disable_v2_behavior_test.py:24:0: C0115: Missing class docstring (missing-class-docstring)
disable_v2_behavior_test.py:26:2: C0116: Missing function or method docstring (missing-function-docstring)
disable_v2_behavior_test.py:27:4: C0103: Variable name "t" doesn't conform to snake_case naming style (invalid-name)
disable_v2_behavior_test.py:29:4: C0103: Variable name "t" doesn't conform to snake_case naming style (invalid-name)
disable_v2_behavior_test.py:32:4: C0103: Variable name "t" doesn't conform to snake_case naming style (invalid-name)
disable_v2_behavior_test.py:34:4: C0103: Variable name "t" doesn't conform to snake_case naming style (invalid-name)
disable_v2_behavior_test.py:24:0: R0903: Too few public methods (1/2) (too-few-public-methods)

```

Your code has been rated at 0.00/10