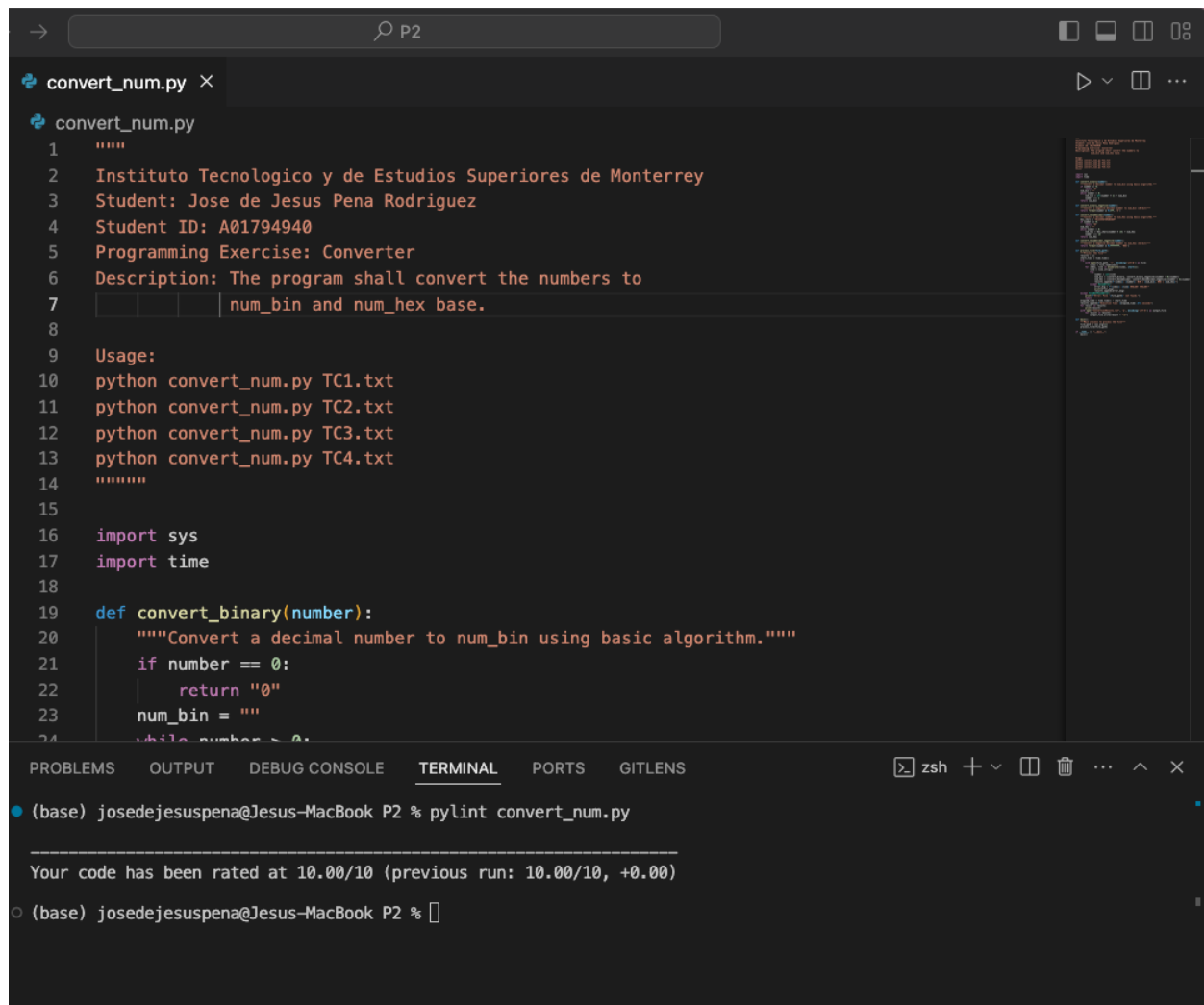


## Problema 2: Análisis de Errores de Pylint – PEP 8

### Resultados al ejecutar convert\_num.py



The image shows a code editor with a file named `convert_num.py` open. The code is a Python script for converting decimal numbers to binary and hexadecimal. It includes a docstring with the program's purpose and usage instructions. The code defines a `convert_binary` function and starts a `while` loop.

```
1  """
2  Instituto Tecnologico y de Estudios Superiores de Monterrey
3  Student: Jose de Jesus Pena Rodriguez
4  Student ID: A01794940
5  Programming Exercise: Converter
6  Description: The program shall convert the numbers to
7  [ ] [ ] [ ] num_bin and num_hex base.
8
9  Usage:
10 python convert_num.py TC1.txt
11 python convert_num.py TC2.txt
12 python convert_num.py TC3.txt
13 python convert_num.py TC4.txt
14 """
15
16 import sys
17 import time
18
19 def convert_binary(number):
20     """Convert a decimal number to num_bin using basic algorithm."""
21     if number == 0:
22         return "0"
23     num_bin = ""
24     while number > 0:
```

Below the code editor, a terminal window shows the command `pylint convert_num.py` being executed. The output indicates that the code has been rated at 10.00/10, which is the same as the previous run.

```
(base) josedejesuspenna@Jesus-MacBook P2 % pylint convert_num.py

=====
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

(base) josedejesuspenna@Jesus-MacBook P2 %
```