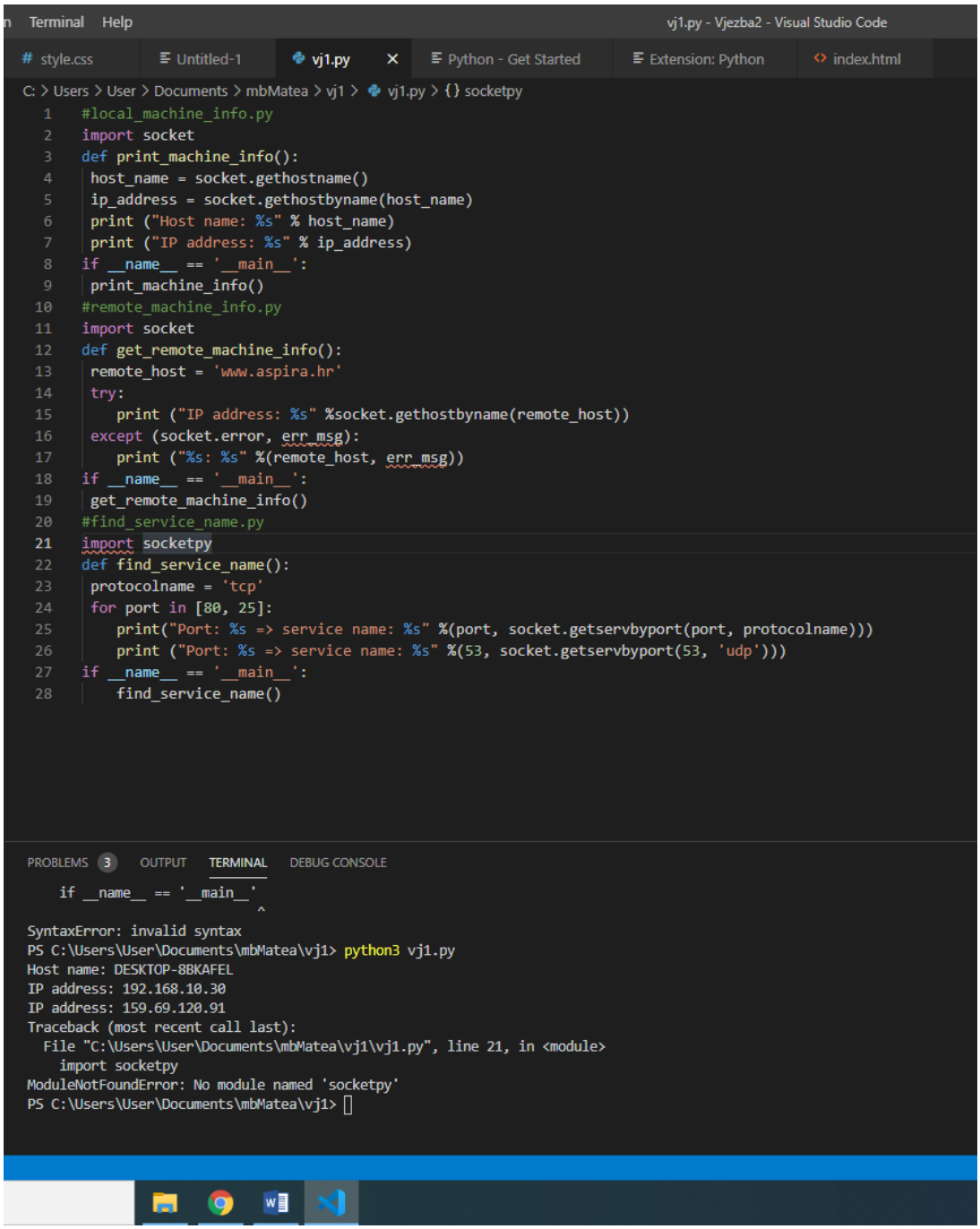
Matea Bešlić

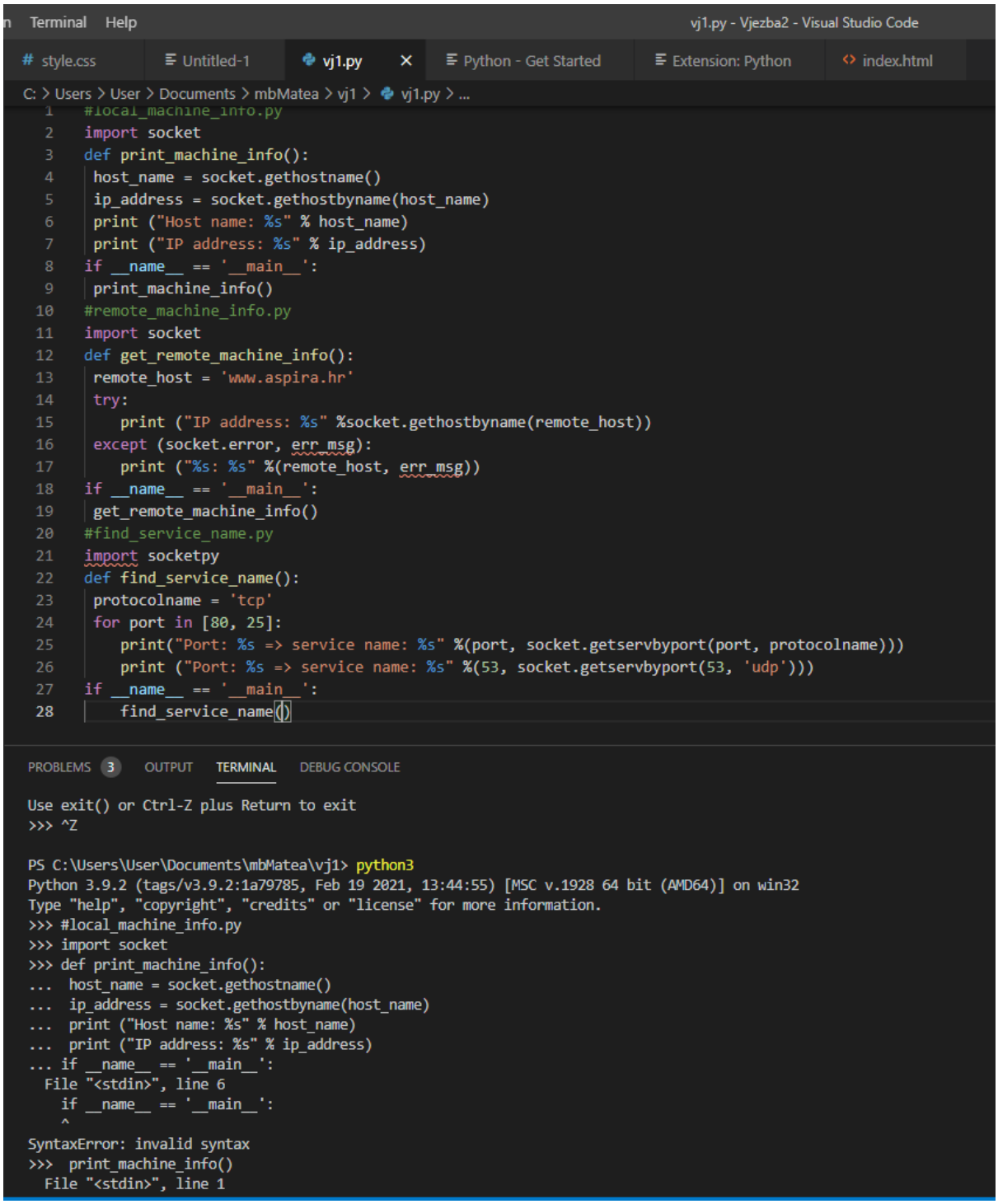
MREŽNO PROGRAMIRANJE

Vježba 1

1. Kreirajte .py skripte s navedenim kodom te ih pokrenite.



2. Sav kod prebacite u interaktivni mod i izvršite ga, te za vježbu priložite screenshotove iz interpretera.



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```
PROBLEMS 3   OUTPUT   TERMINAL   DEBUG CONSOLE

  File "<stdin>", line 1
    print_machine_info()
IndentationError: unexpected indent
>>> #remote_machine_info.py
>>> import socket
>>> def get_remote_machine_info():
...  remote_host = 'www.aspira.hr'
...  try:
...      print ("IP address: %s" %socket.gethostbyname(remote_host))
...  except (socket.error, err_msg):
...      print ("%s: %s" %(remote_host, err_msg))
... if __name__ == '__main__':
  File "<stdin>", line 7
    if __name__ == '__main__':
    ^
SyntaxError: invalid syntax
>>>  get_remote_machine_info()
  File "<stdin>", line 1
    get_remote_machine_info()
IndentationError: unexpected indent
```

```
PROBLEMS 3   OUTPUT   TERMINAL   DEBUG CONSOLE

    get_remote_machine_info()
IndentationError: unexpected indent
>>> #find_service_name.py
>>> import socketpy
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ModuleNotFoundError: No module named 'socketpy'
>>> def find_service_name():
...  protocolname = 'tcp'
...  for port in [80, 25]:
...      print("Port: %s => service name: %s" %(port, socket.getservbyport(port, protocolname)))
...      print ("Port: %s => service name: %s" %(53, socket.getservbyport(53, 'udp')))
... if __name__ == '__main__':
  File "<stdin>", line 6
    if __name__ == '__main__':
    ^
SyntaxError: invalid syntax
>>>     find_service_name()
```

3. Iskoristite sljedeću funkciju u Pythonu. Potrebno je da za odabrani IP (8.8.8.8) ispišete hostname. Hint: ukoliko je potrebno možete koristiti i funkciju str() za pretvaranje u string radi lakšeg ispisa.