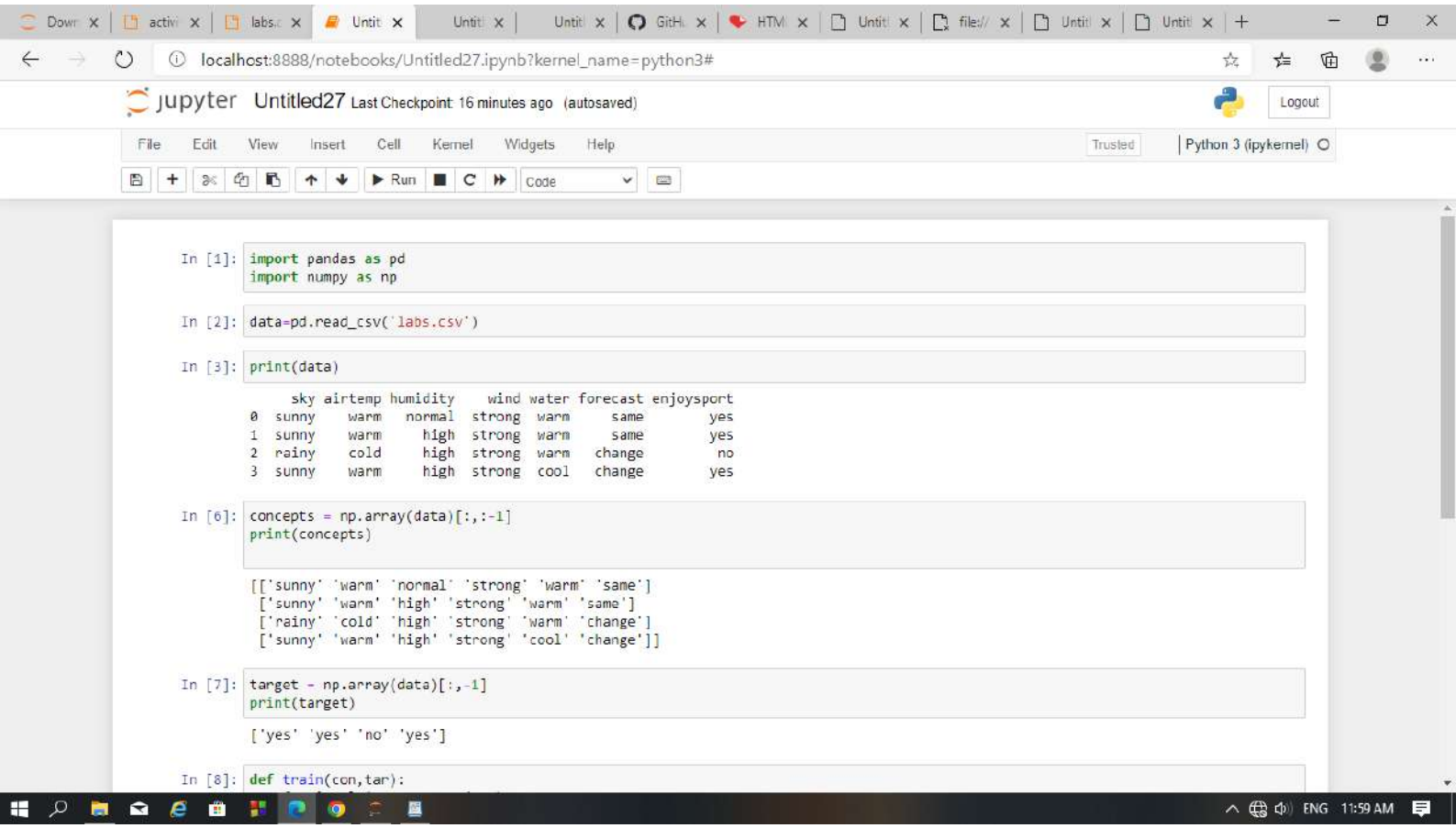
localhost:8888/notebooks/Untitled27.ipynb?kernel_name=python3#
jupyter Untitled27 Last Checkpoint: 16 minutes ago (autosaved)
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Trusted
Python 3 (ipykernel)
Run
Code
In [1]:
import pandas as pd
import numpy as np
In [2]:
data=pd.read_csv('labs.csv')
In [3]:
print(data)
sky airtemp humidity wind water forecast enjoysport
0 sunny warm normal strong warm same yes
1 sunny warm high strong warm same yes
2 rainy cold high strong warm change no
3 sunny warm high strong cool change yes
In [6]:
concepts = np.array(data)[:,:-1]
print(concepts)
[['sunny' 'warm' 'normal' 'strong' 'warm' 'same']
['sunny' 'warm' 'high' 'strong' 'warm' 'same']
['rainy' 'cold' 'high' 'strong' 'warm' 'change']
['sunny' 'warm' 'high' 'strong' 'cool' 'change']]
In [7]:
target = np.array(data)[:,-1]
print(target)
['yes' 'yes' 'no' 'yes']
In [8]:
def train(con,tar):
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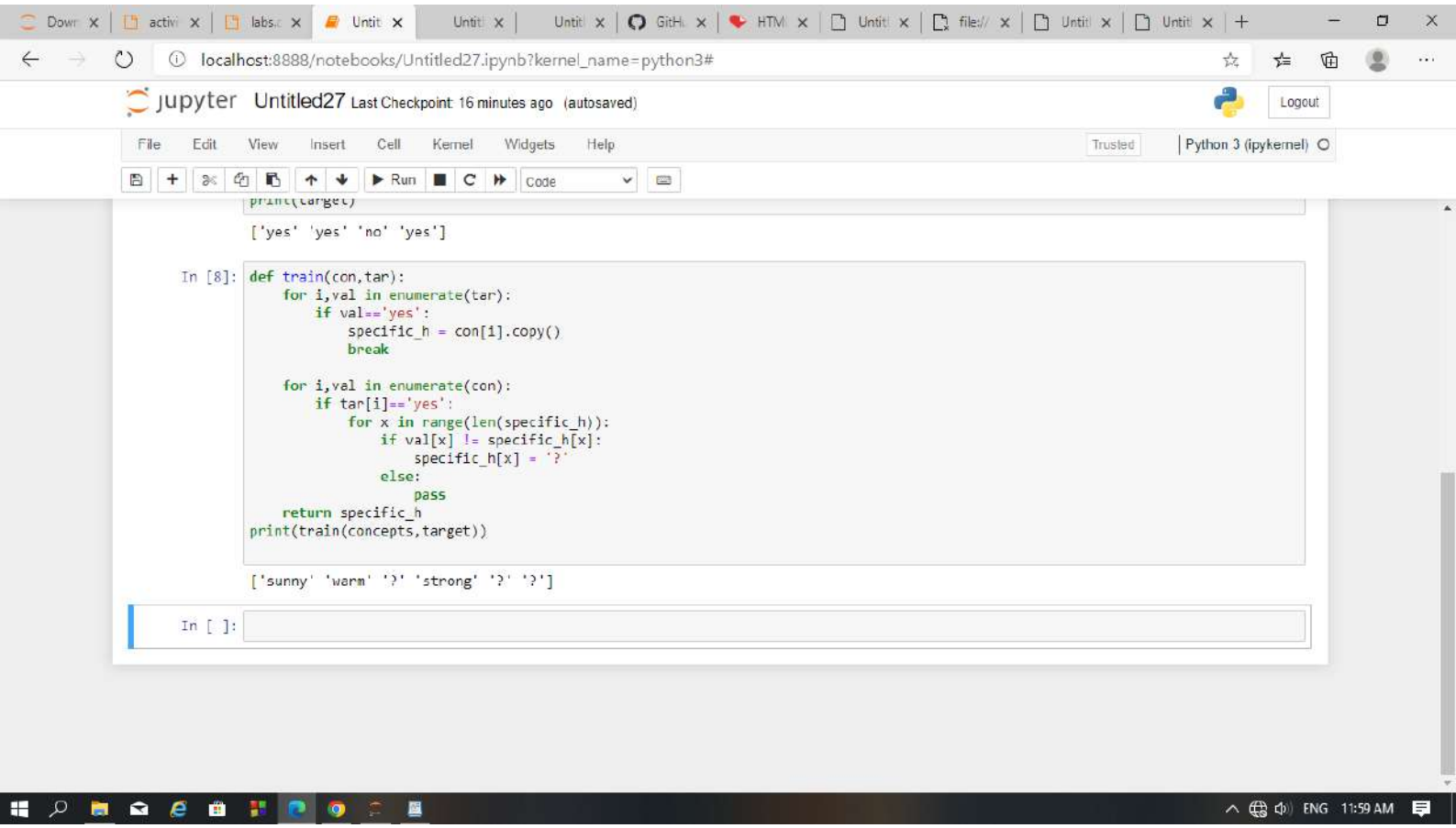
localhost:8888/notebooks/Untitled27.ipynb?kernel_name=python3#
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Python 3 (ipykernel)
Run
Code
['yes' 'yes' 'no' 'yes']
In [8]:
def train(con,tar):
for i,val in enumerate(tar):
if val=='yes':
specific_h = con[i].copy()
break
for i,val in enumerate(con):
if tar[i]=='yes':
for x in range(len(specific_h)):
if val[x] != specific_h[x]:
specific_h[x] = '?'
else:
pass
return specific_h
print(train(concepts,target))
['sunny' 'warm' '?' 'strong' '?' '?']
In [ ]:
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