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File Edit Selection View Go Run Terminal Help chat.py - Chatbot - Visual Studio Code
```

EXPLORER

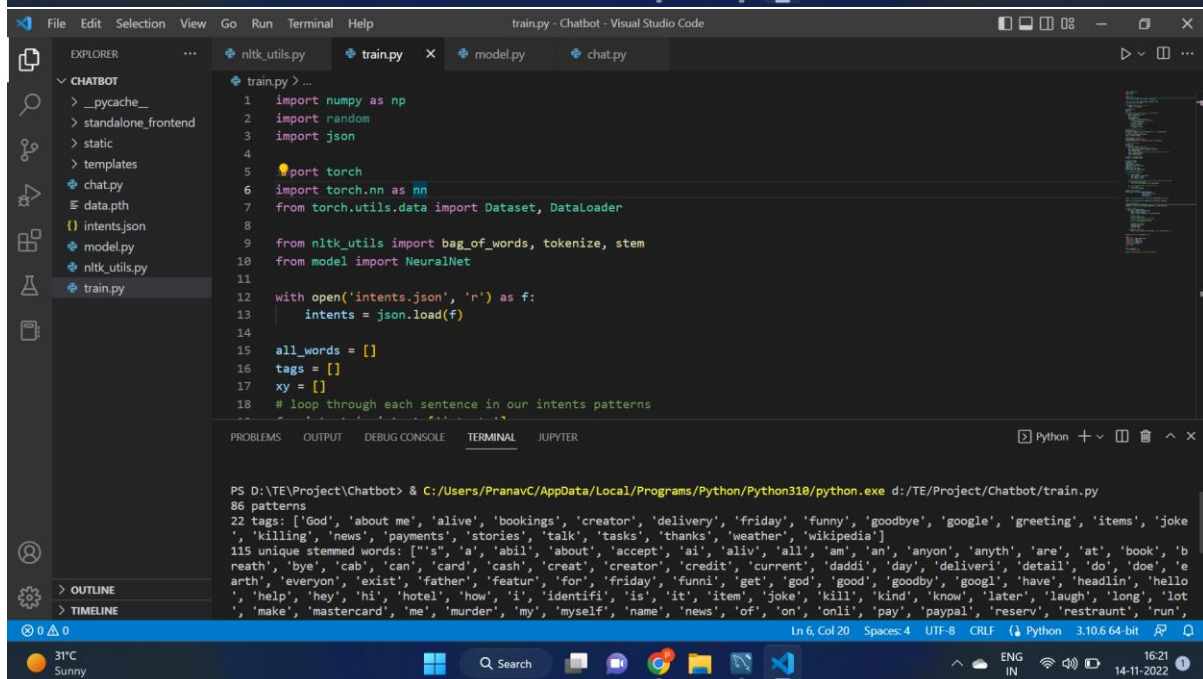
- CHATBOT
 - > __pycache__
 - > standalone_frontend
 - > static
 - > templates
 - chat.py
 - data.pth
 - intents.json
 - model.py
 - nlk_utils.py
 - train.py

```
chat.py > ...
1 import random
2 import json
3
4 import torch
5
6 from model import NeuralNet
7 from nlk_utils import bag_of_words, tokenize
8
9 device = torch.device('cuda' if torch.cuda.is_available() else 'cpu')
10
11 with open('intents.json', 'r') as json_data:
12     intents = json.load(json_data)
13
14 FILE = "data.pth"
15 data = torch.load(FILE)
16
17 input_size = data["input_size"]
18 hidden_size = data["hidden_size"]
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

You: delivery time
I do not understand...
You: how long does delivery take
Shipping takes 2-4 days
You: thanks
Happy to help!
You: bye
See you later, thanks for visiting
You: quit
PS D:\TE\Project\Chatbot>

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.6 64-bit



```
File Edit Selection View Go Run Terminal Help train.py - Chatbot - Visual Studio Code
```

EXPLORER

- CHATBOT
 - > __pycache__
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```
train.py > ...
1 import numpy as np
2 import random
3 import json
4
5 import torch
6 import torch.nn as nn
7 from torch.utils.data import Dataset, DataLoader
8
9 from nlk_utils import bag_of_words, tokenize, stem
10 from model import NeuralNet
11
12 with open('intents.json', 'r') as f:
13     intents = json.load(f)
14
15 all_words = []
16 tags = []
17 xy = []
18 # loop through each sentence in our intents patterns
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

PS D:\TE\Project\Chatbot> & C:\Users\PranavC\AppData\Local\Programs\Python\Python310\python.exe d:/TE/Project/Chatbot/train.py

22 tags: ['God', 'about me', 'alive', 'bookings', 'creator', 'delivery', 'friday', 'funny', 'goodbye', 'google', 'greeting', 'items', 'joke', 'killing', 'news', 'payments', 'stories', 'talk', 'tasks', 'thanks', 'weather', 'wikipedia']
115 unique stemmed words: ['s', 'a', 'abil', 'about', 'accept', 'ai', 'aliv', 'all', 'am', 'an', 'anyon', 'anyth', 'are', 'at', 'book', 'b', 'reath', 'bye', 'cab', 'can', 'card', 'cash', 'creat', 'creator', 'credit', 'current', 'daddi', 'day', 'deliveni', 'detail', 'do', 'doe', 'e', 'arh', 'everyon', 'exist', 'father', 'featur', 'for', 'friday', 'funni', 'get', 'god', 'good', 'goodby', 'googl', 'have', 'headlin', 'hello', 'help', 'hey', 'hi', 'hotel', 'how', 'i', 'identi', 'is', 'it', 'item', 'joke', 'kill', 'kind', 'know', 'laten', 'laugh', 'long', 'lot', 'make', 'mastercard', 'me', 'murder', 'my', 'myself', 'name', 'news', 'of', 'on', 'onli', 'pay', 'paypal', 'reserv', 'restraunt', 'run',

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