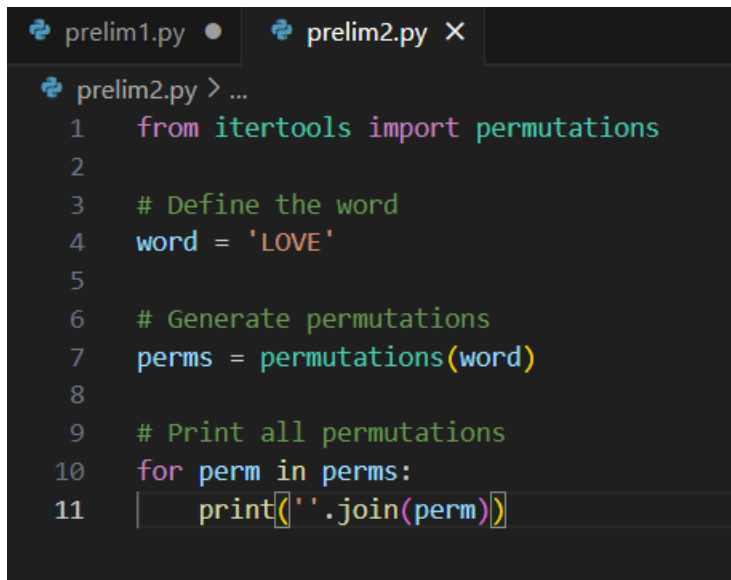


Create the codes that will print a list of all permutations of the letters in the word 'LOVE'.

Code:



```
prelim1.py ●  prelim2.py ✕  
prelim2.py > ...  
1  from itertools import permutations  
2  
3  # Define the word  
4  word = 'LOVE'  
5  
6  # Generate permutations  
7  perms = permutations(word)  
8  
9  # Print all permutations  
10 for perm in perms:  
11     print(''.join(perm))
```

Sample:

```
PS C:\Users\chean\OneDrive - N A\USTP\Second Year\Second Semester\CS223> & "C:\Users\chean\OneDrive - N A\USTP\Second Year\Second Semester\CS223\prelim2.py"
LOVE
LOEV
LVOE
LVEO
LEOV
LEVO
OLVE
OLEV
OVLE
OVEL
OELV
OEVL
VLOE
VLEO
VOLE
VOEL
VELO
VEOL
ELOV
ELVO
EOLV
EOVL
EVLO
EVOL
```