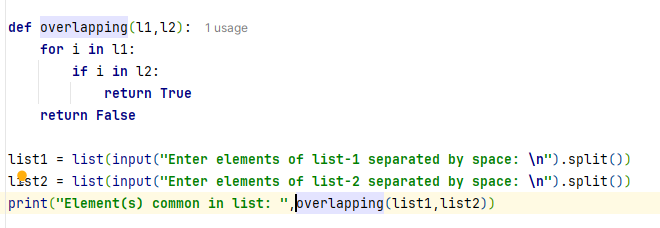
**ASSIGNMENT-3**

Q1. Define a function overlapping () that takes two lists and returns True if they have at

least one member in common, False otherwise.

A screenshot of a computer code

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Q.2. Write a function find\_longest\_word() to find the longest word from the list of words

A screen shot of a computer program

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AI-generated content may be incorrect.

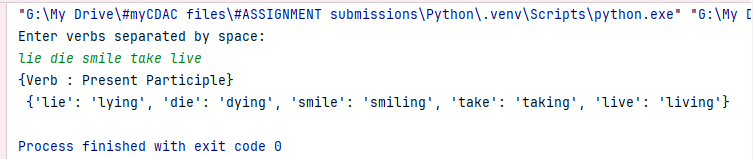
Q.3.In English, present participle is formed by adding suffix -ing to infinite form: go -> going. A simple set of rules can be given as follows:

a. If the verb ends in e, drop the e and add ing

b. If the verb ends in ie, change ie to y and add ing

Write a function make\_ing\_form() which accepts a list of verbs and returns a dictionary with verb : present participle

A screen shot of a computer program

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Q.4. Decorate the display\_greeting() function using a decorator so that greeting is displayed in uppercase

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Q. 5. Create a infinite series on fib numbers and print first few

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Q.6

1.Find employees that know 'python'

2. Add a new skill - 'test' in skillset of all employees

3. Sort employees by skills

for the given dictionary of employees

emp\_data = {'Amol': ['C', 'C++', 'Java'], 'Aditya': ['Angular', 'Java'],

'Aditi': ['Python', 'PHP', 'Database']}

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Q.7

Following data displays min/max/average temp for cities

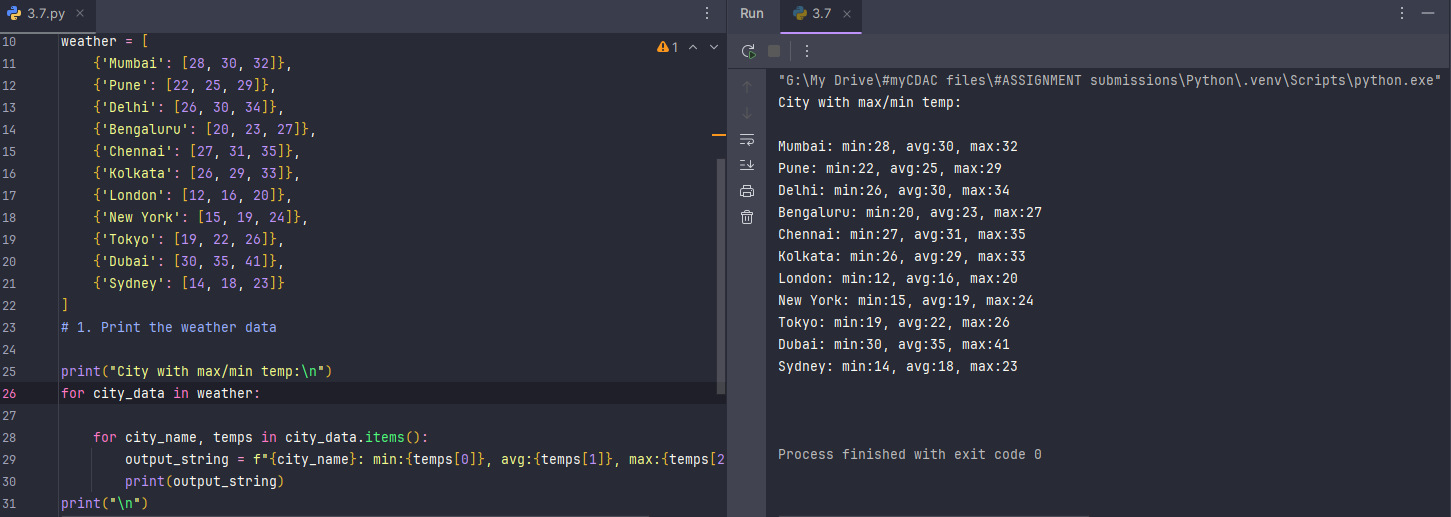
weather= [{'Mumbai' : [28, 30, 32]},.....]

1. Print the weather data

2. Print the city with maximum/min temp

3. Print all the cities that expereince min temp more than 30 degree

4. Create a dictionary to print 'City':'Ave temp'

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