List Comprehension

1. **Square of Numbers:**
   - Create a list of the squares of numbers from 1 to 10.
   - Use list comprehension to generate the list.
2. **Even Numbers:**
   - Create a list of even numbers from 0 to 20.
   - Use list comprehension to filter out the even numbers.
3. **First Letters:**
   - Given a list of words, create a list containing the first letter of each word.
   - Use list comprehension to extract the first letters.

Dict Comprehension

4. **Square Dictionary:**
   - Create a dictionary where the keys are numbers from 1 to 5 and the values are the squares of the keys.
   - Use dictionary comprehension to generate the dictionary.
5. **Word Length:**
   - Given a list of words, create a dictionary where the keys are the words and the values are their lengths.
   - Use dictionary comprehension to map words to their lengths.