1) . What is the difference between enclosing a list comprehension in square brackets and parentheses?

Ans. [] is for list comprehension

() is for generator expression

2) What is the relationship between generators and iterators?

Ans. Iterators is to iterate any object. And generator used in loops to generate an iterators

3) What are the signs that a function is a generator function?

Ans. if function use yield statement

4) What is the purpose of a yield statement?

Ans. this function execute and send value to the caller and then resume function where is last off and keep executing till the last.

5) What is the relationship between map calls and list comprehensions? Make a comparison and contrast between the two.

Ans.