1.

The difference between the two kinds of expressions is that **the List comprehension is enclosed in square brackets [] while the Generator expression is enclosed in plain parentheses ()**.

2.

Iterators are the objects that use the next() method to get the next value of the sequence. A generator is a function that produces or yields a sequence of values using a yield statement. Classes are used to Implement the iterators. Functions are used to implement the generator.

3.

**If a function contains at least one yield statement (it may contain other yield or return statements)**, it becomes a generator function. Both yield and return will return some value from a function.

4.

The yield statement **suspends function's execution and sends a value back to the caller, but retains enough state to enable function to resume where it is left off**. When resumed, the function continues execution immediately after the last yield run.

5.

**List comprehension is more concise and easier to read as compared to map**. List comprehension are used when a list of results is required as map only returns a map object and does not return any list. Map is faster in case of calling an already defined function (as no lambda is required).