1. Why we use loops?
2. In computer Programming, a Loop is used to execute a group of instructions or a block of code multiple times, without writing it repeatedly. The block of code is executed based on a certain condition.

2 What is while loop?

1. A "While" Loop is used to repeat a specific block of code an unknown number of times, until a condition is met. For example, if we want to ask a user for a number between 1 and 10, we don't know how many times the user may enter a larger number, so we keep asking "while the number is not between 1 and 10".

3. What is iterator in loop?

A) An Iterator is an object that can be used to loop through collections, like ArrayList and HashSet. It is called an "iterator" because "iterating" is the technical term for looping. To use an Iterator, you must import it from the java.util package.

4. What is increment in loop?

A) Increment is an expression that determines how the loop control variable is incremented each time the loop repeats successfully (that is, each time condition is evaluated to be true).

5. why we use range function?

Whenever an action needs to be performed a certain number of times, then you must make use of range in Python to generate a sequence of numbers within a given range. The range() function is used in loops like for loop, while loop etc. to iterate through the sequences.