1.Why we use loops?

* 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 codition.

2. What is while loop?

* 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 large number so we keep asking while the number is not between 1 and 10.

3. What is iterator in loop?

* An iterator is an object that can be used to loop through collections, like array list and hashset.
* It is called an iterator because iterating is the technical term for looping.

4. What is increment in loop?

* Increment is an expression that determines how the loop control variable is incremented each time the loop repeats successfully.

5. why we use range function?

Necessity to use range () function in python:

* 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.