Task: Explore in Google and Make a document :

1. Why we use loops?

Loops help you to execute a block of code repeatedly. Looping means repeating something over and over until a particular condition is satisfied.

2 What is while loop?

With the while loop we can execute a set of statements as long as a condition is true.

3. What is iterator in loop?

Iterator in Python is an object that is used to iterate over iterable objects like lists, tuples, dicts, and sets. The iterator object is initialized using the iter() method. It uses the next() method for iteration.

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?

The Python**range() function**returns a sequence of numbers, in a given range. The most common use of it is to iterate sequence on a sequence of numbers using Python loops.

6. Create a list(friend\_names) with your friends names(atleaste 10 names)?

print all names with in loop

Expected Output: my friend name is "ravi"

my friend name is "shanker"

7. Create a list(family\_members) with your family members names(atleaste 10 names)?

print all names with in loop

8. Create a list(food\_names) with your favorite food names(atleaste 10 names only veg)?

print all names with in loop

9. Create a tuple(food\_names) with your favorite food names(atleaste 10 names only nonveg)?

print all names with in loop

10. Create a set(colour\_names) with your colour names(atleaste 10 names)?

print all names with in loop

11. Create a list(month\_names) with your month names(atleaste 10 names)?

print all names with in loop

12. print 9th table (1 to 90)

13. print(12th table (1 to 120)