

GDG On Campus Benha

1) Create a growable list of integer numbers, and then perform the following operations on the list:

- Print the original list.
- Add a new element to the end of the list.
- sort these numbers, print the sorted list.
- reverse the sort you have done and print the reversed list.
- Remove the first element from the list.
- Print the final list.

2) Create a map of country names (as keys) and their capital cities (as values), and performs the following operations:

- Print out the entire map.
- Add a new country and its capital to the map.
- Remove a specific country from the map.
- Print out the number of countries in the map.

GDG On Campus Benha

3) Create a program that counts down from a given number to zero.

- Use user input to enter the start of the loop.
- Countdown: Using a loop, count down from that number to zero.
- Make sure to handle invalid input (non-positive integers).

4) Print even numbers between intervals using function

- create a function that take two integer parameters (named parameter)
- when you use for loop to print even numbers : assign those two parameters to the start and end of the loop.