

## TOPIC: INDEXING AND SLICING

1. Take a list of 3+ numbers directly in the program, return True if first and last number of the list are same.
2. Accept string from a user and display only those characters which are present at an even index number.
3. Reverse a string input by user without loops or methods
4. Repeat question 2 and print elements in reverse order
5. Take a string s="Welcome to CETPA" and validate the following outputs
  - `print(s[1:50])`
  - `print(s[3:10:2])`
  - `print(s[1:20:5])`
  - `print(s[10:-10])`
  - `print(s[-10:10])`
  - `print(s[:])`
  - `print(s[-8:-2:])`
  - `print(s[-15:-2:-1])`
  - `print(s[-2:-15:-1])`
  - `print(s[3:-10:-1])`
  - `print(s[-10:3:-1])`
  - `print(s[-50:6:-2])`
  - `print(s[6:-50:-2])`
  - `print(s[:10:-1])`
  - `print(s[10::-1])`
  - `print(s[::-2])`