

# Python Test

## Q1.

Write a program to create a function that takes two arguments, name and age, and prints their value.

## Q2.

Write a program to create function func1() to accept a variable length of arguments and print their value.

Note: Create a function in such a way that we can pass any number of arguments to this function and the function should process them and display each argument's value.

## Q3.

Write a program to create function calculation() such that it can accept two variables and calculate addition and subtraction. Also, it must return both addition and subtraction in a single return call.

Example:

```
def calculation(a, b):
```

```
    # Your Code
```

## Q4.

Write a program to create a function showEmployee() using the following conditions.

☐ It should accept the employee's name and salary and display both.

☐ If the salary is missing in the function call, then assign default value 150k to salary

## Q5.

Write a program to create a recursive function to calculate the sum of numbers from 0 to 10.

A recursive function is a function that calls itself, again and again.

## Q6.

Assign a different name to function and call it through the new name

Below is the function display\_student(name, age). Assign a new name show\_tudent(name, age) to it and call it using the new name.

**Q7.**

Write a lambda function to reverse a string

Example: if given "james"

Result: "semaj"

**Q8.**

Create a Function to generate a python list of all the even numbers from 6 to 90

**Q9.**

Create a function to find the day of the week, for a given date and present the answer as a string text.

Input sample (2022,5,1)

Output: Sunday

**Q10.**

Create a function to find the number of days between two given dates.