### **Assignment 2:** **Lambda Function in Swift**

**Lab Assignment: Using Lambda Expressions (Closures) in Swift**

This lab assignment will help you understand and practice using lambda expressions, also known as closures, in Swift. Follow the instructions below to complete the assignment.

**Objectives:**

* Understand basic closure syntax and usage.
* Use closures as function parameters.
* Implement closures for common tasks like sorting and filtering.
* Capture values in closures.

**Instructions:**

**Step 1: Basic Closure Syntax and Usage**

Define a simple closure that takes two integers and returns their sum.

**Step 2: Implement Closures for Common Tasks**

Use closures to sort an array of integers in descending order and to filter out even numbers from an array.

**Step 3: Capturing Values in Closures**

Write a function makeIncrementer that returns a closure. The returned closure should capture a variable and increment it by a specified amount each time it is called.