**A blue and yellow logo

Description automatically generated with low confidence San Francisco Bay University**

**Lab 1 Introduction to C Programming Language**

**Due day: 1/18/2023**

**Instruction:**

1. **Push the answer sheets/source code to Github**
2. **Please follow the code style rule like programs on handout.**
3. **Overdue lab assignment submission could not be accepted.**

**4. Take academic honesty and integrity seriously (Zero Tolerance of Cheating & Plagiarism)**

**Objectives:**

In this week, student will write c program to solve basic problem by simple statements, such as “printf” and “scanf” etc.

**The Laboratory Assignments:**

* **Requirements:** write programs for the following questions, and then post them in Github including program description in header block comments area.

1. Write program to find sum of two numbers.

*Output:*

*Enter two numbers: 5 6*

*sum=11*

1. Write program to find area and circumference of circle

*Output:*

*enter radius of a circle: 5*

*area of circle=78.000*

*circumference=31.4*

1. Write program to find the simple interest

*Output:*

*enter principle, rate of interest & time to find simple interest: 500 5 2*

*simple interest=50*

*[hint]*

1. Write program to convert temperature from degree centigrade to Fahrenheit

*Output:*

*enter temp in centigrade: 32*

*temp in Fahrenheit=89.59998*

*[hint]*

1. Write program to calculate sum of 5 subjects and find percentage

*Output:*

*enter marks of 5 subjects: 60 65 55 60 60*

*enter assumption total number: 500*

*sum=300*

*percentage=60.000*

*[hint]*