**University of Juba**

**School of Computing**

**Department of Computer Science**

**Philosophy of Computer Science for the First-Year Students of CS, IT, & CY**

**Study Guide**

**Instructions:**

The final exam will be a **cumulative exam** which means it will come from all the materials since the beginning of this term I/semester 1. In other words, the sources for this exam will be from **all** contents of week 1 until Week 8 including the **practical labs'** sections 1 to 10/assignments.

**In details:**

**Part I: Theoretical Section**

1. Go over all provided contents inside **the Lectures** folder starting from **Week 1 to Week 7**, especially **the lecture slides**. Do not forget to also refer to your lecture notes (notebook) and the 40 questions & answers of the written assignment II. This week you will get your Written Assignment II ready for pick any time after 11 am on Wednesday 03, May 2023.

**Part II: Practical Section**

Go over your submitted labs/assignments by matching your given **problem statements** against your **code solutions**. ONLY contents of sections 1 to section 10 of the folder titled:

1. **decoding-ap-computer-science-a for students are included in this term I exam.** The main textbook for those labs is the digital copy inside week 7 and titled: **AP Computer Science Textbook**. It is recommended but **not required** to print out the chapters that we have covered in the term I that are listed below:

1. **Chapter 1: Introductory to Java Language Features:**from page 57 to page 88 (**31 pages)**
2. **Chapter 2: Classes and Objects:**from page 92 to page 126 (**34 pages**)
3. **Chapter 4: Some Standard Classes:**from page 174 to page 200 (**26 pages**)