

# DAA Lab (UE18CS255) Instructions

For each session, three files are shared with the students. For session 01, for example, the following three files are shared with the students.

**1. ss.h:** The header file elaborating the functions to be implemented by the students in a new file named "**PES1201800000ss.c**". The implementation file is c file with the SRN of the student as the prefix.

## **2. ss\_sampletest.c**

The sample test file helps the student to understand and implement the functions in **PES1201800000ss.c**. The student is encouraged to hack the sample test file to try out the border cases. The following commands could be useful.

```
$ gcc -Wall PES1201800000ss.c ss_sampletests.c -o ss_sampletests.out  
$ ./ss_sampletests.out
```

## **3. ss\_tests.o**

Tests object file has an exhaustive set of test cases to assess the student's solution in **PES1201800000ss.c**. Lab instructors may be interested in running the following commands for assessment.

```
$ gcc -Wall PES1201800000ss.c ss_tests.o -o ss_tests.out  
$ ./ss_tests.out
```

It gives out a score for a max of 40. It is only suggestive score for the lab instructor, the actual marks awarded to the student could be more or less than the above score.

The student will be asked to submit the implementation file **PES1201800000ss.c** and a **small write up** through a Google Form.

In the observation , students are expected to write program implementation and brief on how implementation was done.