**INHA UNIVERSITY TASHKENT**

**DEPARTMENT OF CSE & ICE**

**SPRING SEMESTER 2020**

**SOC 2040 - SYSTEMS PROGRAMMING**

**LAB ASSIGNMENT 3**

**Submitted by**

**Student Name Student ID**

**Group : Sophomore**



**INSTRUCTIONS :**

**- ALL LAB ASSIGNMENTS ARE TO BE COMPLETED IN GROUPS OF 4 to 6 STUDENTS.**

**- LAB ASSIGNMENT REPORT SHOULD BE PREPARED USING THE LAB ASSIGNMENT 3 REPORT TEMPLATE PROVIDED.**

**- ONE HARD COPY OF THE LAB ASSIGNMENT REPORT OF EACH GROUP SHOULD BE HANDED IN AT THE OFFICE BY THE GROUP LEADER.**

**- EVERY MEMBER OF THE TEAM MUST UPLOAD THE SOFTCOPY OF THE REPORT AT THE E- CLASS PORTAL.**

**- FOR ALL PART-A ASSEMBLY LANGUAGE PROGRAMMING PRACTICE QUESTIONS, YOU NEED TO PROVIDE SCREENSHOTS OF PROGRAM ENTERED, INPUTS GIVEN AND RESULTS.**

**- FOR ALL PART-B ASSEMBLY LANGUAGE PROGRAMMING QUESTIONS, YOU NEED TO PROVIDE ALGORITHM, SCREENSHOTS OF PROGRAM ENTERED, INPUTS GIVEN AND RESULTS.**

**- FOR ALL PART-C QUESTIONS, YOU NEED TO PROVIDE DDD DEBUGGER SCREENSHOTS AFTER EXECUTION OF EACH INSTRUCTION IN TRACE MODE BY SHOWING THE INVOLVED REGISTER CONTENTS, MEMORY CONTENTS AND STACK CONTENTS IN CASE OF STACK OPERATIONS.**

**- ALL FILES CONTAINING ASSEMBLY LANGUAGE PROGRAMS WRITTEN AND EXECUTED FOR ALL THE PART-A, PART-B AND PART-C QUESTIONS SHOULD BE UPLOADED AT THE E-CLASS PORTAL ALONG WITH THE LAB ASSIGNMENT 3 REPORT.**

**- LAST DATE FOR SUBMISSION OF THE LAB ASSIGNMENT REPORT IS 30th MARCH 2020**

**- LATE SUBMISSIONS ARE NOT ENTERTAINED, ADHERE TO THE DEADLINE STRICTLY**

**- READ THE QUESTIONS CORRECTLY & CAREFULLY**