

**PUNE INSTITUTE OF COMPUTER TECHNOLOGY**

**Department of Computer Engineering**

**Academic Year: 2019-20**

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**CLASS: S.E.**

**SEMESTER: II**

**SUBJECT: MICROPROCESSOR LAB (210257)**

**Extra assignments beyond SPPU syllabus**

1. Write Assembly Language Program for identifying negative numbers from an array using any one of the following methods:
  - Signed magnitude
  - Sign flag
  - Carry flag
2. Write Assembly Language Program for following string operations using FAR procedures
  - Compare strings
  - Reverse string
  - Check if string is palindrome
3. Write Assembly Language Program to find a factorial of a number using stack.
4. Write Assembly Language Program for converting a number from little endian format to big endian format.
5. Write Assembly Language Program for displaying the contents of descriptor.