**LAB REPORT**

**Assignment 1:**

**A screenshot of a computer

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A screenshot of a computer code

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* mspfx: initialize:
  + v0 length
  + v1 max sum
  + t0 index
  + t1 running sum
* loop:
  + increase index by 4 bits
  + add t4 to running sum
  + if t1 > v1 then jump to mdfy
* mdfy:
  + update v0 = t0++ and v1 =t1
* test: t0++ then compare to t5, if less than t5 return to loop

**Assignment 2:**

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**A screenshot of a computer program

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* load address of A and Aend
* store the address of A[0] and A[n-1]
* the sort finish when reach A[n-1]
* loop:
  + load the next element it into $s1
* ret:
  + assign max value to pointer value
* Then move to the next element.

**Assignment 3:**

* Implement swap:

A close-up of a computer code

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* Bubble sort:

A screenshot of a computer code

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A screenshot of a calculator

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**Assginment 4:**

**A screenshot of a computer program

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A screenshot of a calculator

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