**COMP 3315 PreLab 4**

**Number and Name:**

1. **Object**: MIPS Branch and Loop examples using arrays
2. **Procedure**:

Write and run a MIPS algorithm that has an array at data segment and the code finds the sum of the positive numbers in this array and outputs it.

**Example**: array: .word 7, -4, 5, -5, 8, -2, 1, -3 (8 elements)

Output: 21

Upload Your C Code in blank part below and upload your mips code as .asm file.

int main(){

int sum=0;

int i;

int arr[8]={7,-4,5,-5,8,-2,1,-3};

for(i=0;i<8;i++){

if(arr[i]>0){

sum=sum+arr[i];

}

}

printf("%d", sum);

}