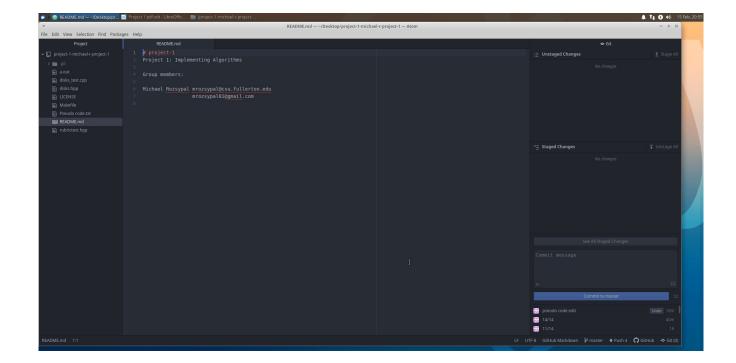
Project 1

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Pseudocode

left to right algorithm

```
// K is the array or datastructure that is storing the disks for each element from n to K's size -1 for each element from n to K's size -1 if(element at n does not equal element at n+1) swap element n and n+1 return K
```

lawnmower algorithm

```
bool direction = true; //true is go right, false is go left
for each element from n to K's size-1{
           if( direction == true){
       for each element from n to K's size-1
       if(element at n does not equal element at n+1)
                  swap element n and n+1
              direction = false;
                n increment
           if(direction == false){
for each element from K's size-n-1 to n //decreasing
      if(element at m does not equal element at m-1)
                 swap element m and m-1
              direction = true;
                n increment
                      }
                  }
               return K
```

0 n-i+1 n-i+1 steps $\frac{(n-i+1)\times 2}{\frac{2}{5}, 2n-2i+2} \to \frac{2}{5}, 2n-\frac{n}{2}$ [1(11)]+21 ~ land moult the left speed of 4 4 4 +812 n2