

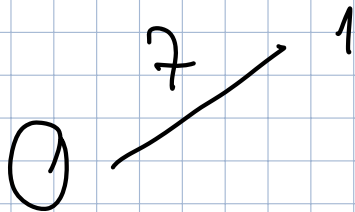
$key = [max, max, max, max, max]$   
 $parent = [None, None, None, None, None]$   
 $mustSet = [False, False, False, False, False]$

$key[0] = 0$

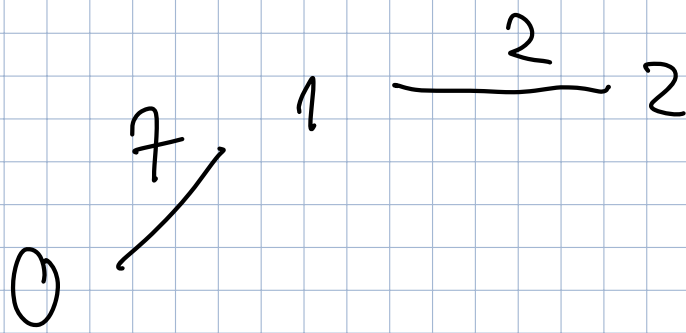
$parent[0] = -1$

0

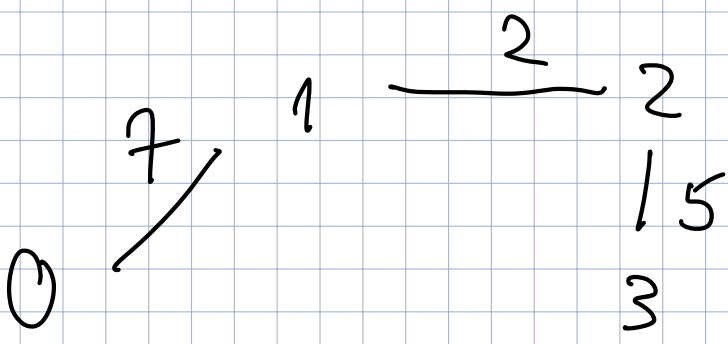
$u = 0$   
 $mustSet[0] = True$   
 $key[1] = 7$   
 $key[4] = 10$   
 $parent[1] = 0$   
 $parent[4] = 0$



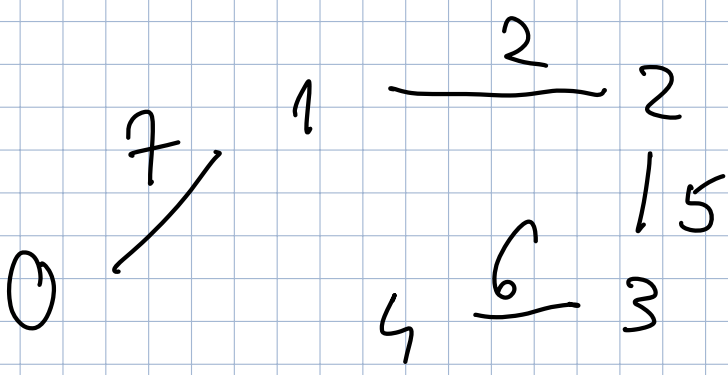
$u = 1$   
 $mustSet[1] = True$   
 $key[2] = 2$   
 $key[3] = 8$   
 $parent[2] = 1$   
 $parent[3] = 1$



$u = 2$   
 $\text{mustSet}[2] = \text{True}$   
 $\text{key}[3] = 5$   
 $\text{parent}[3] = 2$



$u = 3$   
 $\text{mustSet}[3] = \text{True}$   
 $\text{key}[4] = 6$   
 $\text{parent}[4] = 3$



$u = 4$   
 $\text{mustSet}[4] = \text{True}$

$\text{parent} = [-1, 0, 1, 2, 3]$

print MST

0	-	1	7
1	-	2	2
2	-	3	5
3	-	4	6