

Mitchell Rathbun

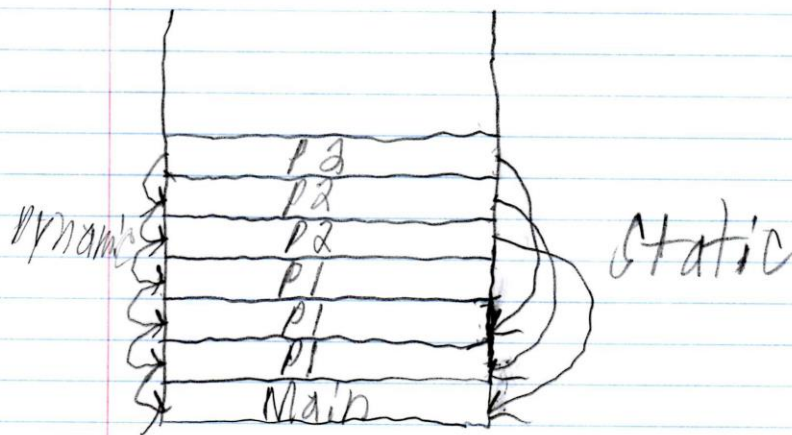
1.

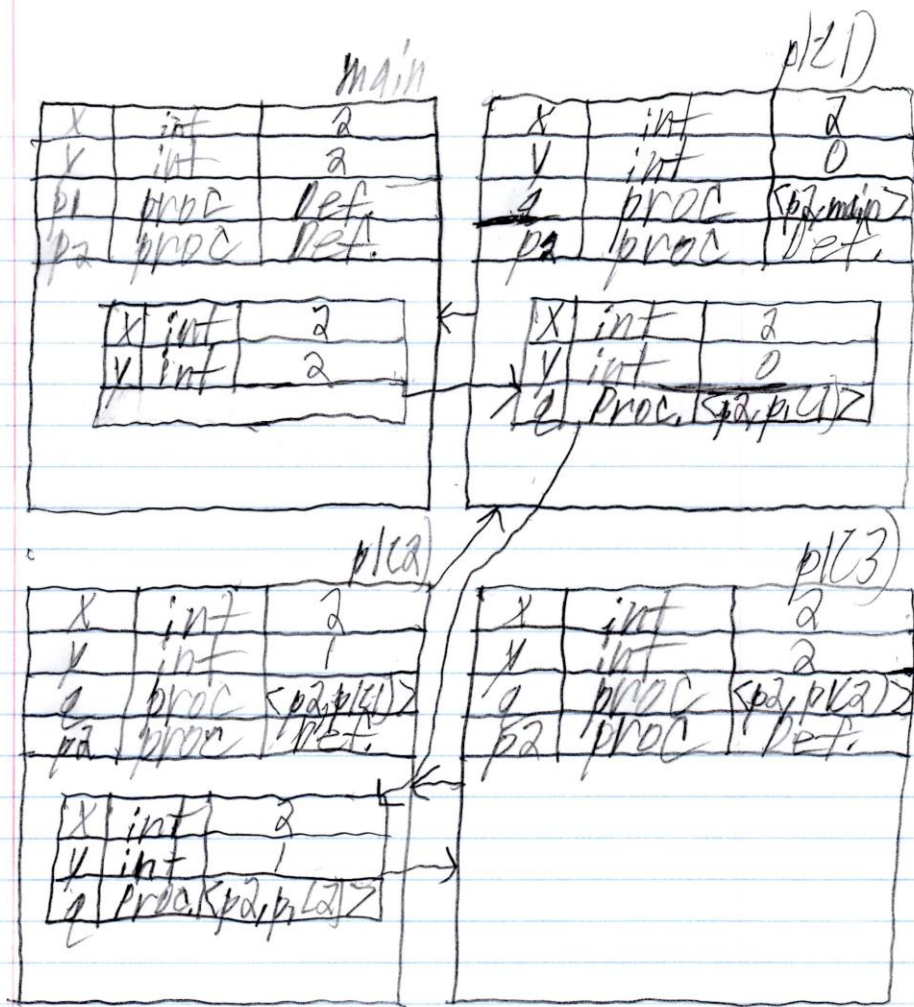
```
int fibo() {  
    static int first = 1;  
    static int second = 0;  
  
    int temp;  
  
    temp = second;  
    second = first + second;  
    first = temp;  
  
    return second;  
}
```

2.

a. 3 2 4

b.





a.

enqueue:

Iteration #	# of cons cells allocated
1	2
2	2
3	2
4	0
5	0
6	0
7	2
8	0
9	0

append:

Iteration #	# of cons cells allocated
1	3
2	5
3	7
4	0
5	0
6	0
7	3
8	0
9	0

b.

enqueue: 8 cells

append: 18 cells