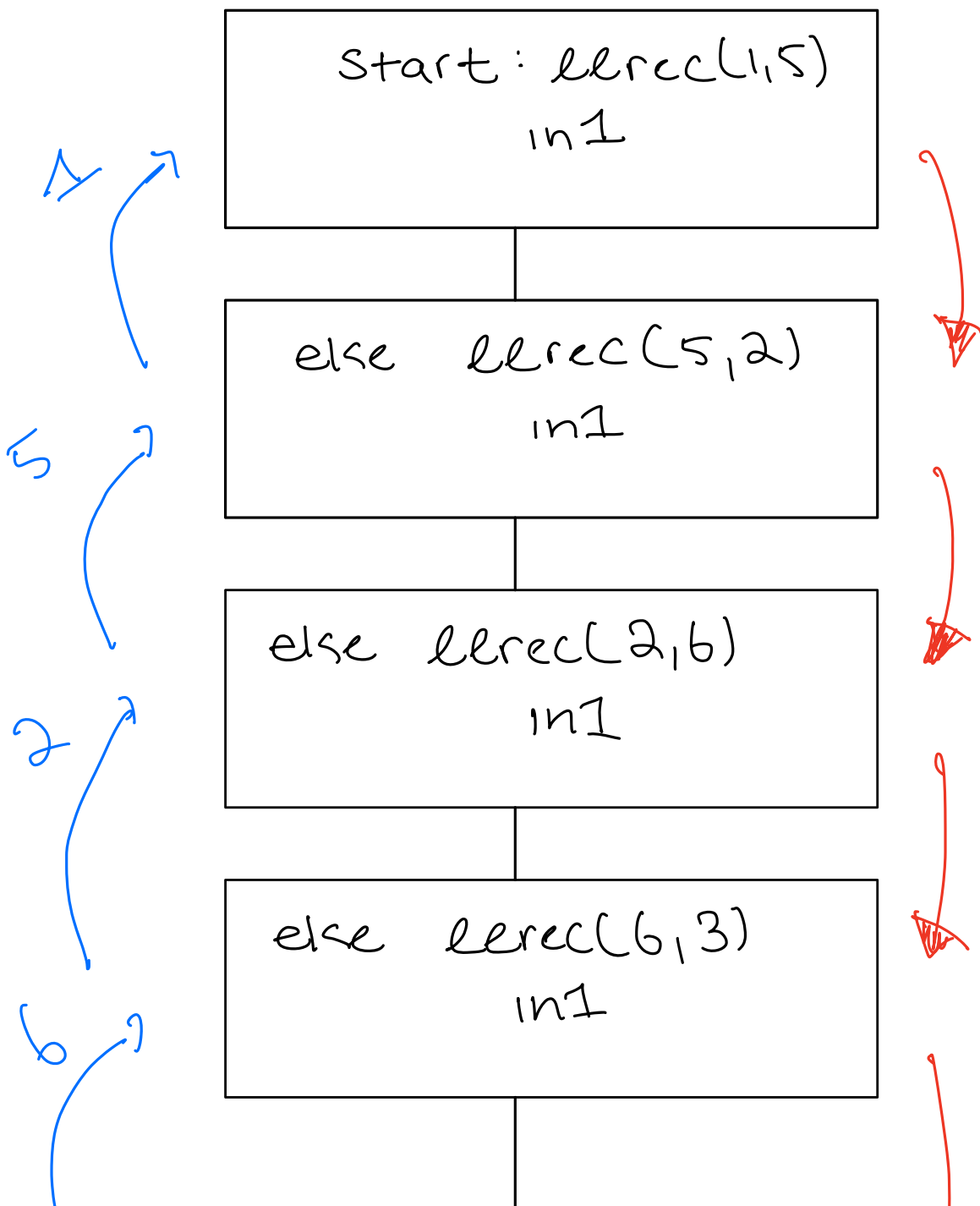
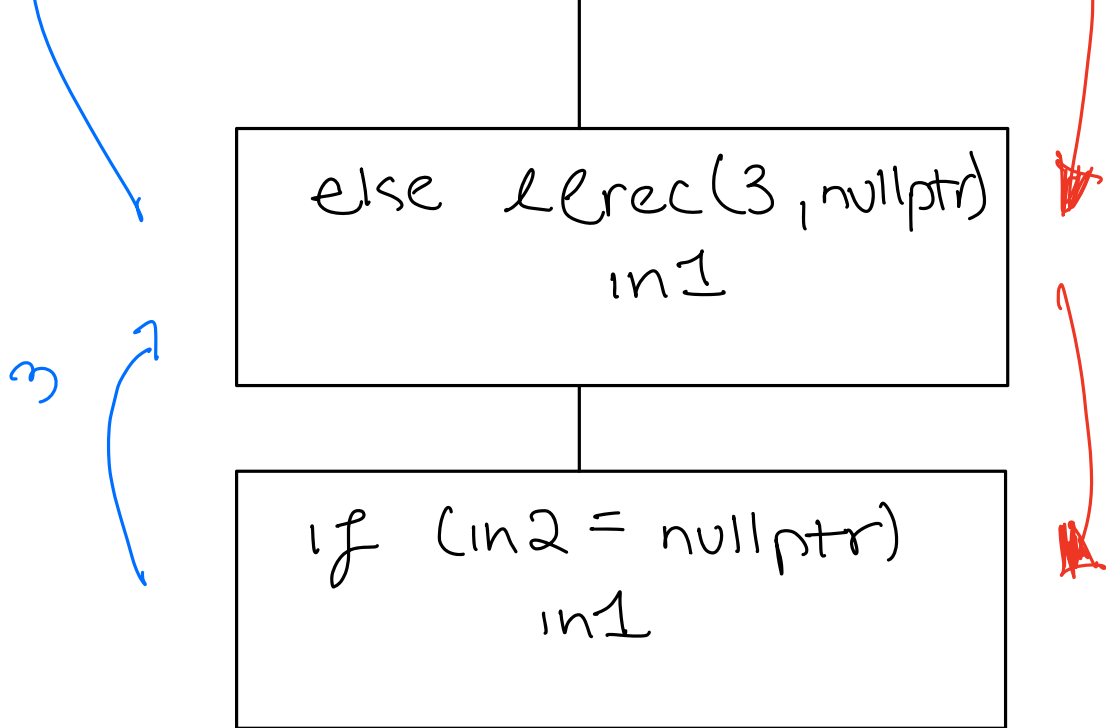


Question A

llrec(1,5)
llrec(5,2)
llrec(2,6)
llrec(6,3)
llrec(3,null)





1, 5, 2, 6, 3, 4

Question B

in1 = nullptr

in2 = 2

```
Node* merge(Node* in1, Node* in2)
{
```

```
    if (in1 == nullptr)
    {
        return in2;
    }
```

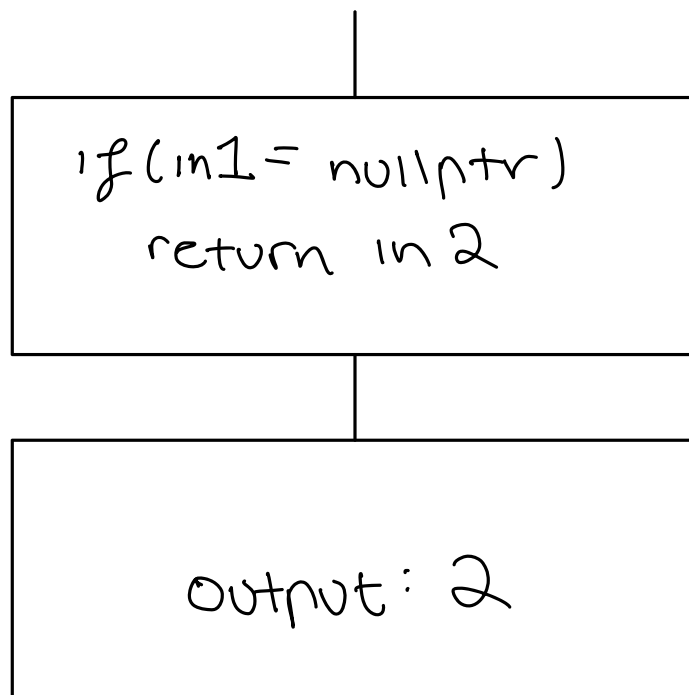
only the first line will run.

since in1 initially == nullptr, thus

it'll return in2, which is equal to
2

input in1 = nullptr
in2 = 2

|



The exn will stop @ the first if statement and execute "return in2" b/c in1 satisfies the nullptr condition (if statement)

