

Prelab 8 for March 15th

For this prelab you will add new interface functions to your List ADT of prelab-6/7.

```
/* This function inserts the int object of the 2nd parameter
   at the position specified by the first parameter. You will
   need to determine how best to handle the case in which the
   user specifies an invalid position. If the position is less
   than 1, you could choose to insert at head. If the position
   is too large, you could insert at tail. Or you could choose
   to perform no insertion in those cases. Regardless of your
   choices, it is important to document them and use the error
   code to allow the user to check for when those conditions
   arise. How do you handle cases in which two different error
   conditions arise? */
```

```
List * insertAtPosition(int pos, int key, List*, int*)
```

```
/* This function returns the int object at the specified
   position. How do you handle the case of an invalid
   position? */
```

```
int getAtPosition(int pos, List*, int*)
```

```
/* This function removes the int object at the specified
   position. */
```

```
List * removeAtPosition(int pos, List*, int*)
```

```
/* This function removes all instances of the specified
   int object. */
```

```
List * removeObject(int obj, List*, int*)
```

