

1. Modify exercise 2 (part c) from last week to use a singly linked list (nodes added to the tail of the list) instead of an array to store the dates data.

Use a linked list structure similar to this one:

```
typedef struct _node
{
    int month;
    int day;
    char string[60];
    struct _node *next;
}node;
```

below is a simple list node insert (*at head*) function to give you a starting point

```
int insert(node **head,int value)
{
    node *newNode;
    if((newNode=(node*)malloc(sizeof(node)))!=NULL)
    /* create a node */
    {
        newNode->data=value; /* fill it with data */
        newNode->next=*head; /* update the list structure */
        *head=newNode;
        return 1; /* notify success */
    }
    else
    {
        printf("not enough memory!\n",value);
        return 0; /* notify failure */
    }
}
```