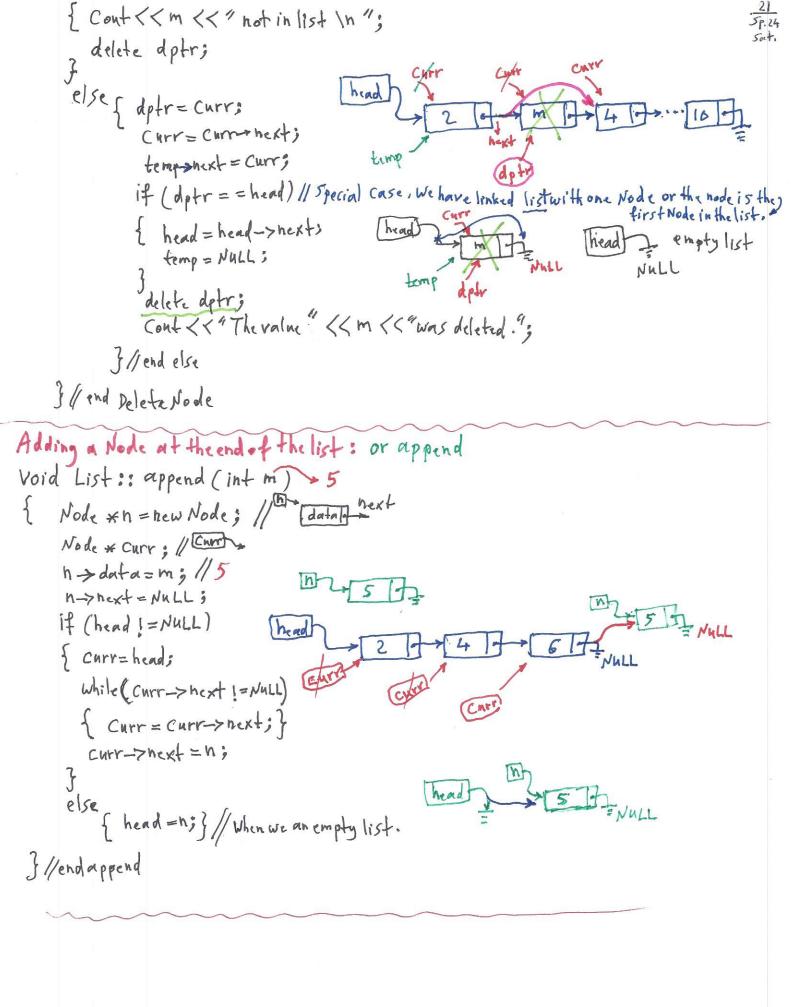
```
head = n;
                  n->next=NULL;
           3 // end add Node
                                      (traversing a linked list):
To print the Contents of a linked list
                 Void display ()
                  L Node * curr;
                    Carrahead;
                    While ( Curr != NULL)
                    { Cout << curr->data <<endl;
                       Curr= Curr-> next;
                 3 Hend display
 Week 6, Sort :
 Heap: At run time every program maintain an area of Memory known as heap.
        Dynamic Data structures such as a linked list inhabit in heap.
        Hear is an area of allocated memory (eig. add a Node).
                     " " free " When we delete a Node.
                                        Used free
To delete a Node:
   void List : Delete Node (int m)
   { Node *dotr = nullotr; //or NULL -> address @
     Node *temp = head ;
     Node *Curr; + curr=head;
     While ( Curr != NULL && Curr-> data != m)
      temp = Curr;
        Curr = curr ->next;
       if (corr == NULL)
```



```
Example: To Create linked list Class
  #include < iostream>
   Using names pace std;
   Class LinkedList
         Struct Node // To Create Nodes { int data;
            Node Knext;
         3;
      private: Node *head;
      public: // Constructor
              LinkedList ()
              E head = NULL;
        // Add the function add Node
         void addNode (int m) // adding a Node at Head of a list
             // write the body which We had befor
          // Add display ()
          void display()
            Il write body of function, we had.
           // Add delete a Node
           void Delete Node (int m)
              / Addyour code here, we had it today
            1 Add append function
            void append (int m)
            1 / write the code, we had it today
       3; 11 end class
```

