



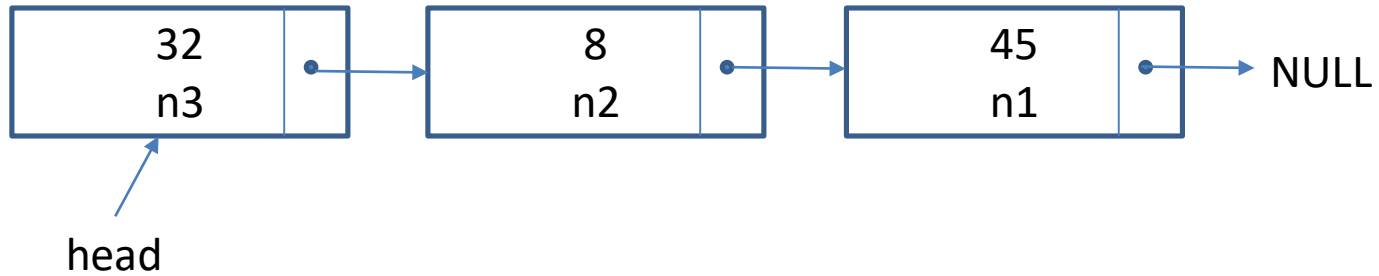
csci 112

Programming with C

Linked Lists – Pgm 2

Linked List

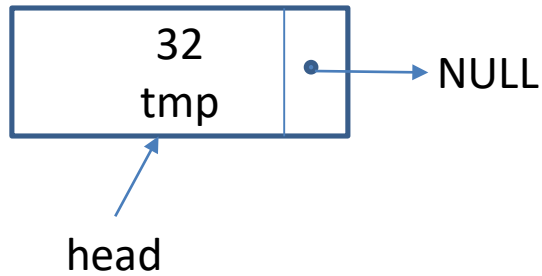
linkedlist1.c



```
typedef struct node {  
    int value;  
    struct node *next;  
} node_t;
```

Linked List

linkedlist2.c

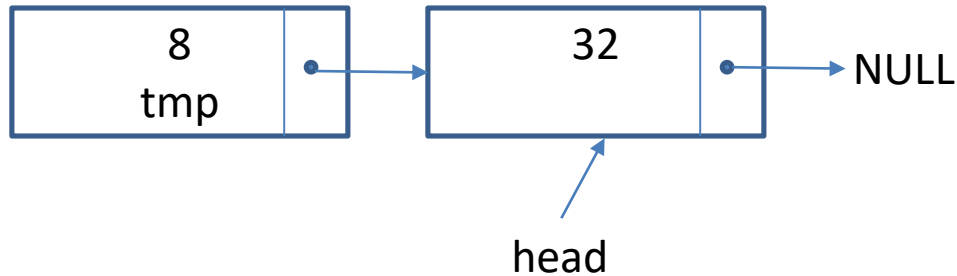


```
tmp = create_new_node(32);  
head = tmp;
```

```
typedef struct node {  
    int value;  
    struct node *next;  
} node_t;
```

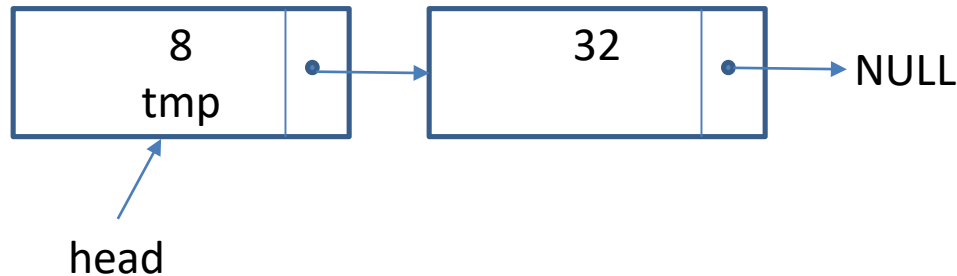
Linked List

linkedlist2.c



```
typedef struct node {  
    int value;  
    struct node *next;  
} node_t;
```

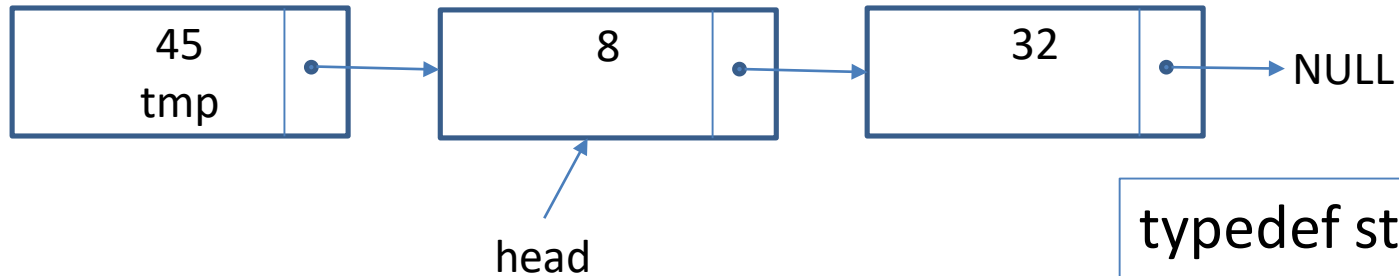
```
tmp = create_new_node(8);  
tmp->next = head;
```



```
head = tmp;
```

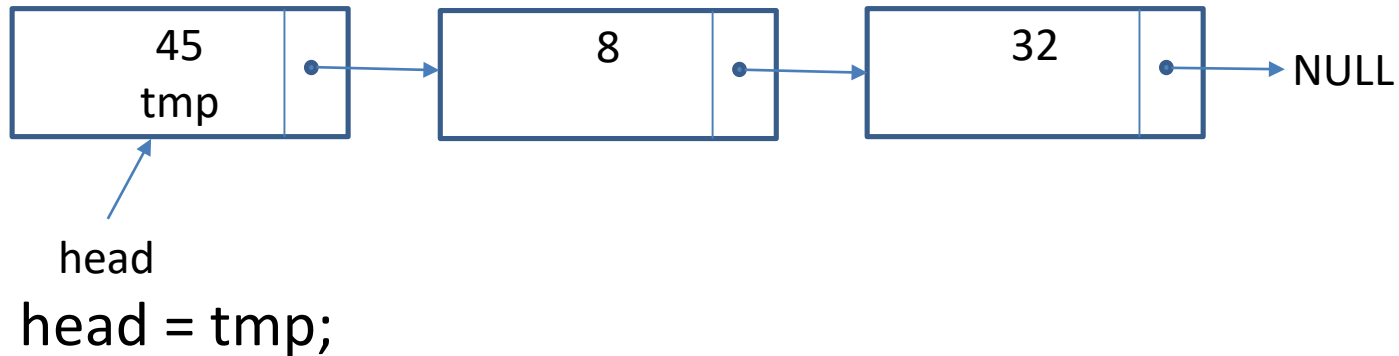
Linked List

linkedlist2.c

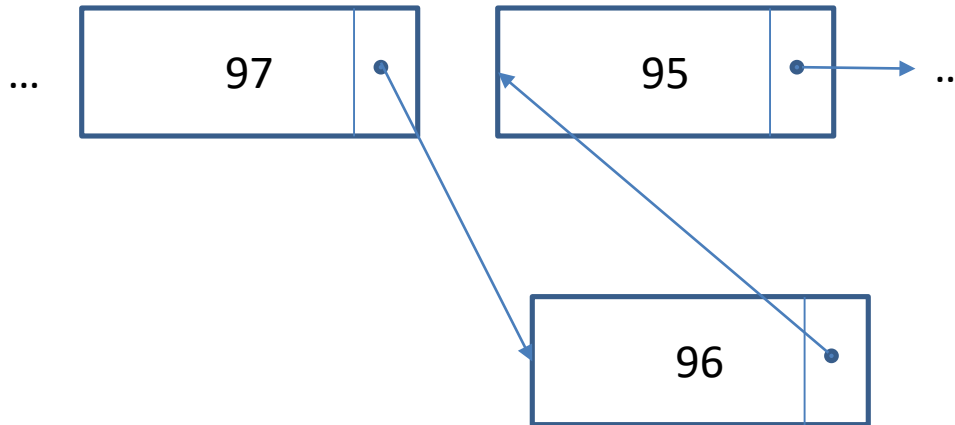


```
tmp = create_new_node(45);  
tmp->next = head;
```

```
typedef struct node {  
    int value;  
    struct node *next;  
} node_t;
```



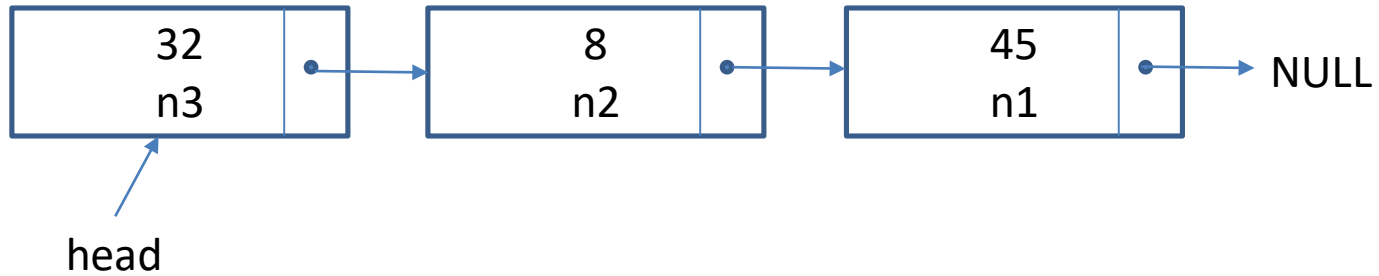
Add a node linkedlist6.c



```
typedef struct node {  
    int value;  
    struct node *next;  
} node_t;
```

Linked List

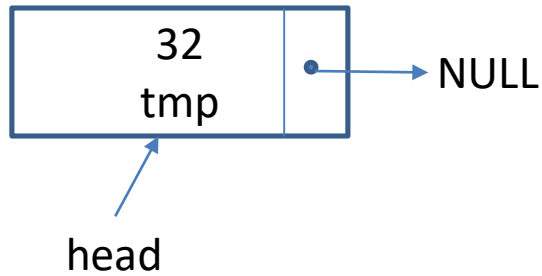
linkedlist1.c



```
typedef struct node {  
    int value;  
    struct node *next;  
} node_t;
```

Linked List

linkedlist2.c

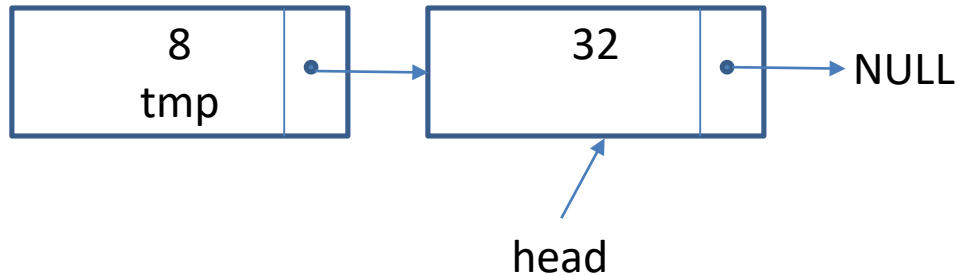


```
tmp = create_new_node(32);  
head = tmp;
```

```
typedef struct node {  
    int value;  
    struct node *next;  
} node_t;
```

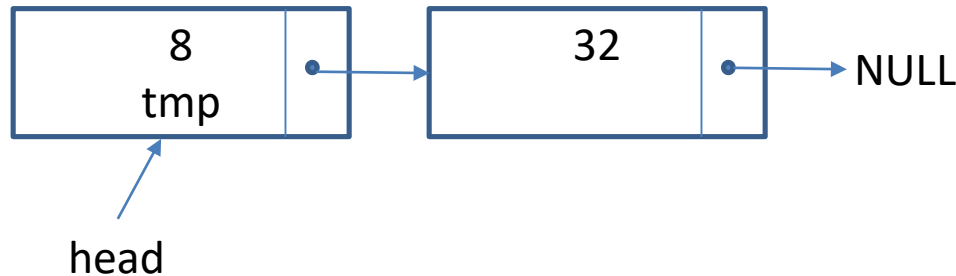

Linked List

linkedlist2.c



```
typedef struct node {  
    int value;  
    struct node *next;  
} node_t;
```

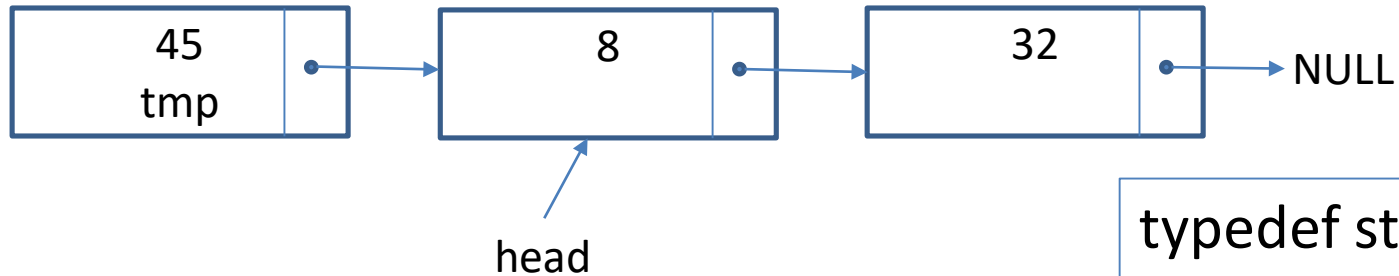
```
tmp = create_new_node(8);  
tmp->next = head;
```



```
head = tmp;
```

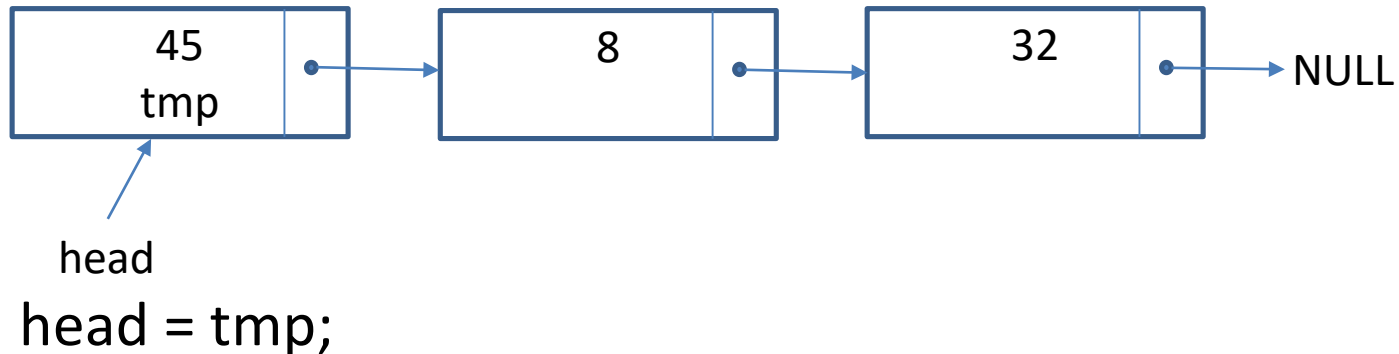
Linked List

linkedlist2.c

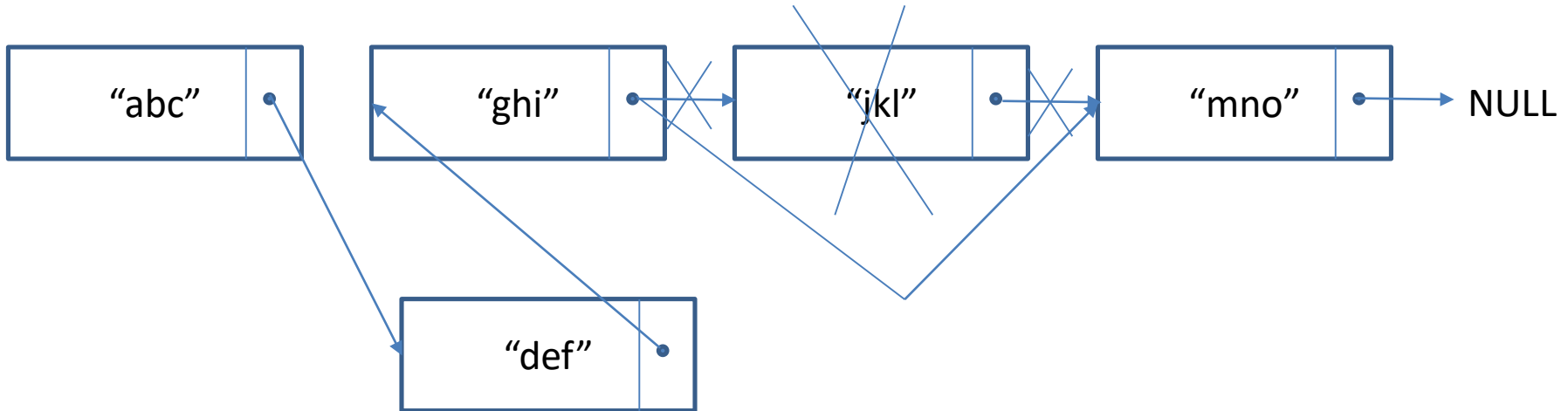


```
tmp = create_new_node(45);  
tmp->next = head;
```

```
typedef struct node {  
    int value;  
    struct node *next;  
} node_t;
```



Remove a node



```
typedef struct list_node_t {  
    char alph[10];  
    struct node_t *next;  
} list_node_t;
```