

Lab 04:

Code:

```
#include <stdio.h>
#include <stdlib.h>
struct Node{
    int data;
    struct Node *next;
};
int main()
{
    struct Node *head, *first,*second,*temp;
    head=(struct Node*)malloc(sizeof(struct Node));
    first=(struct Node*)malloc(sizeof(struct Node));
    second=(struct Node*)malloc(sizeof(struct Node));
    temp=(struct Node*)malloc(sizeof(struct Node));
    head->data=5;
    head->next=first;
    first->data=10;
    first->next=second;
    second->data=15;
    second->next=NULL;
    temp->data=20;
    temp->next=head;
    printf("%d",temp->data);
    free(head);
    return 0;
}
```

Output :

```
[miruthi@Miruthis-MacBook-Air DSA % gcc node.c -o node
[miruthi@Miruthis-MacBook-Air DSA % ./node
20%
miruthi@Miruthis-MacBook-Air DSA % ]
```