**Experiment 10**

**Write a C program to implement Linked list operations**

**Program**

#include <stdio.h>

#include <stdlib.h>

struct node {

int value;

struct node \*next;

};

void printLinkedlist(struct node \*p) {

while (p != NULL) {

printf("%d ", p->value);

p = p->next;

}

}

int main() {

struct node \*head;

struct node \*one = NULL;

struct node \*two = NULL;

struct node \*three = NULL;

one = malloc(sizeof(struct node));

two = malloc(sizeof(struct node));

three = malloc(sizeof(struct node));

one->value = 1;

two->value = 2;

three->value = 3;

one->next = two;

two->next = three;

three->next = NULL;

head = one;

printLinkedlist(head);

}

Output:

