Data Structure

Sec: F

1. Implement a Doubly Linked List based on the following functions:

void insert_node(int v) {
}
void delete_node(int v) {
}
void delete_node(int position) {
}
void search_key(int v){
}
Void print_node(){}

Int getnode(int position){ }

void reverse_list(){}

2. Implement a circular Linked List based on the following functions:

void insert_node(int v) {
}
void delete_node(int v) {
}
void delete_node(int position) {
}
void search_key(int v){
}
Void print_node(){}
Int getnode(int position){ }
void reverse_list(){}

3. Use Linked List to Implement:

i. Stack

void push(int i){}
int pop(){}
void top(){}
void print(){}

ii. Queue

Void enqueue(int i){}
Int dequeue(){}
void front(){}
void print(){}