**Test code**

Int main(){

Queue head

int i;

initQueue(&head);

Queue \*item;

for (i = 0; i < 10; i++){

item = newItem();

\*item->val = i;

AddQueue(&head,item);

}

// write a function printQ to print the Queue//

printQ(&head); // should output: 0 1 2 3 4 5 6 7 8 9

for (i = 0; i < 5; i++){

item = DelQueue(&head);

printf(“Item Deleted %d \n”, \*item->val); // output should be 0 1 2 3 4

}

RotateQ(&head);

item = DelQueue(&head);

printf(“item Deleted %d \n”, \*item->val); // output should be 6

return 0;

}