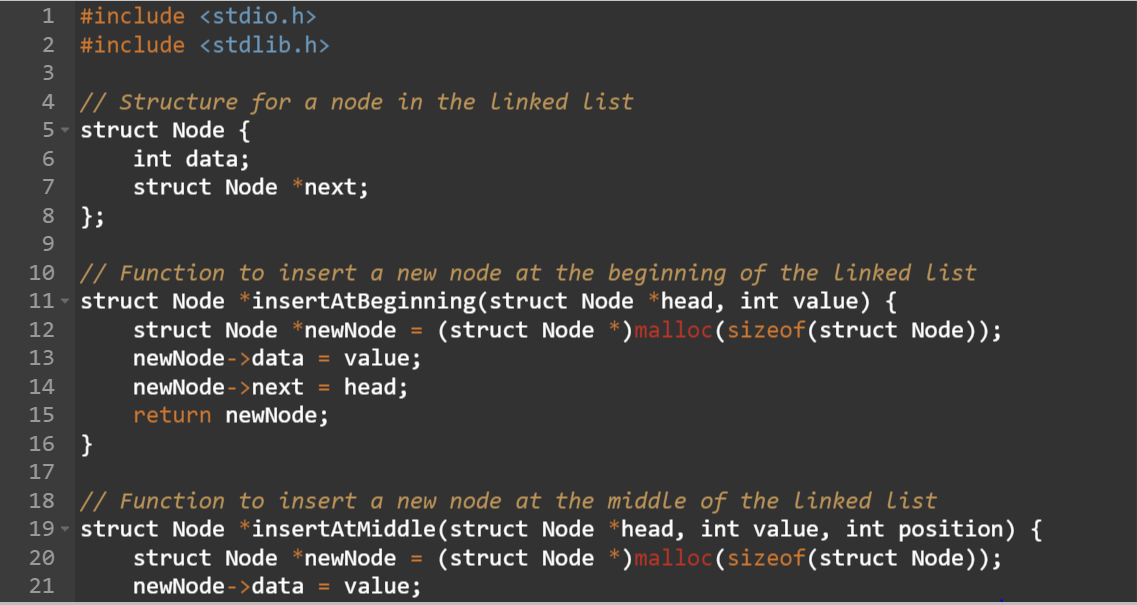
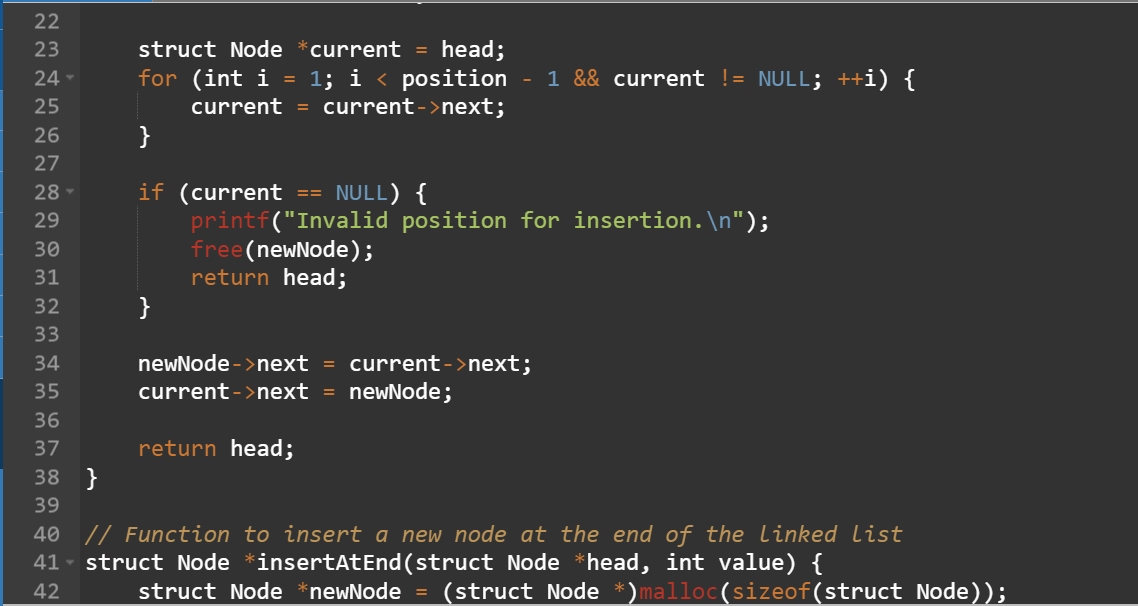
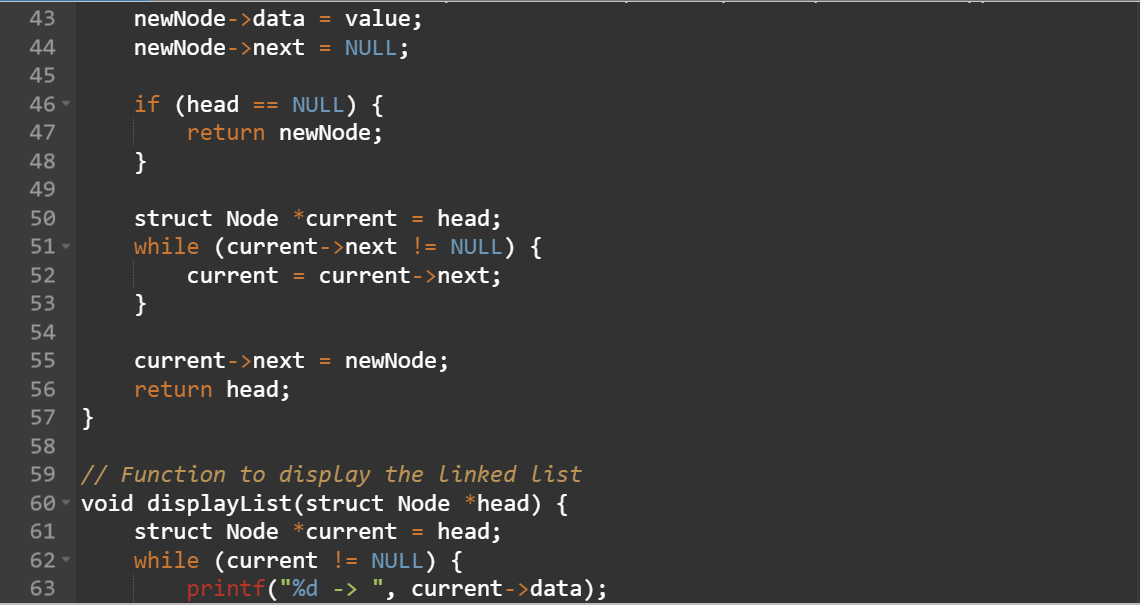
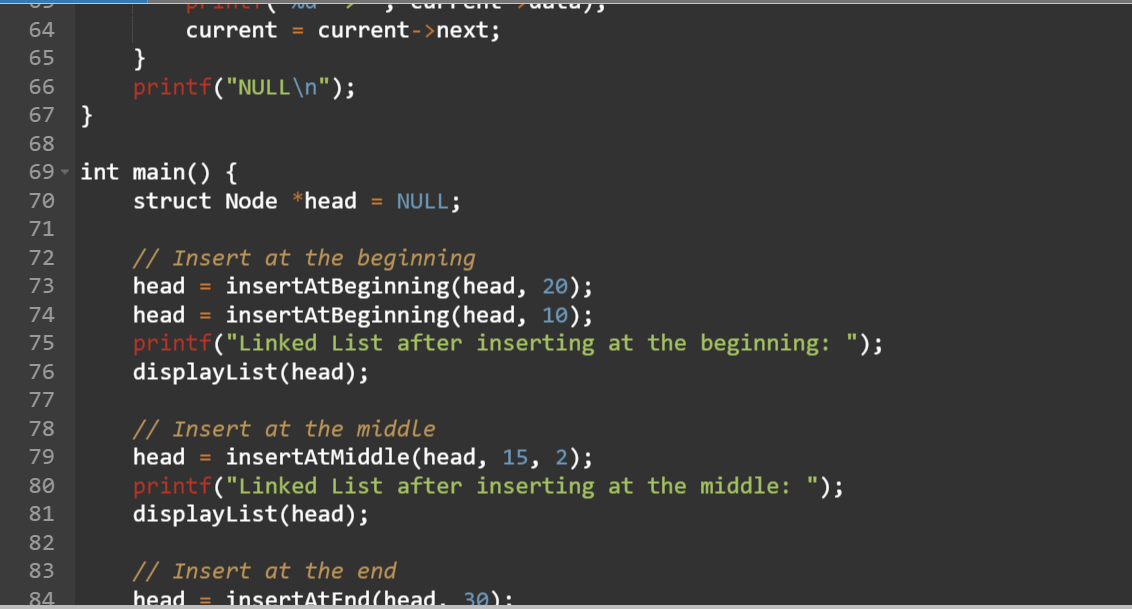
C PROGRAMMING – DATA STRUCTURES

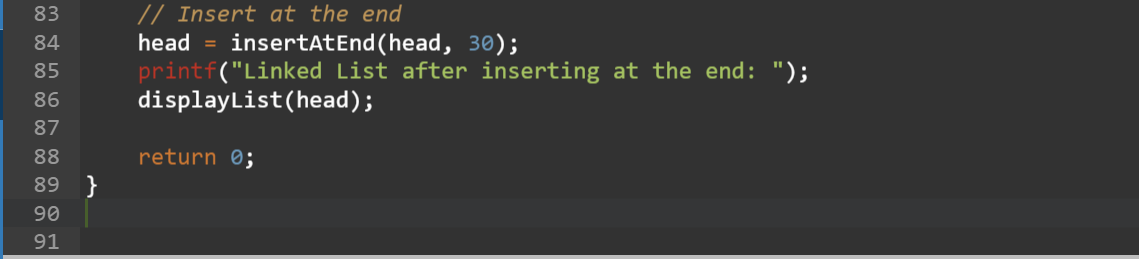
1. Write a c program to implement the SINGLY LINKED LIST with the following operations:
2. Insert an element into the list [ beginning, middle, last].

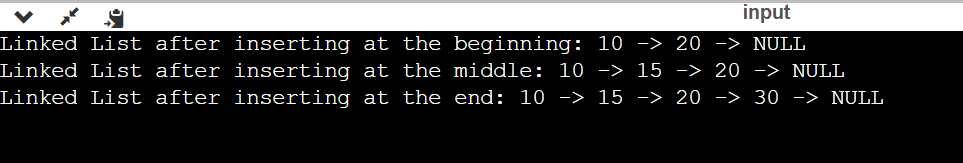




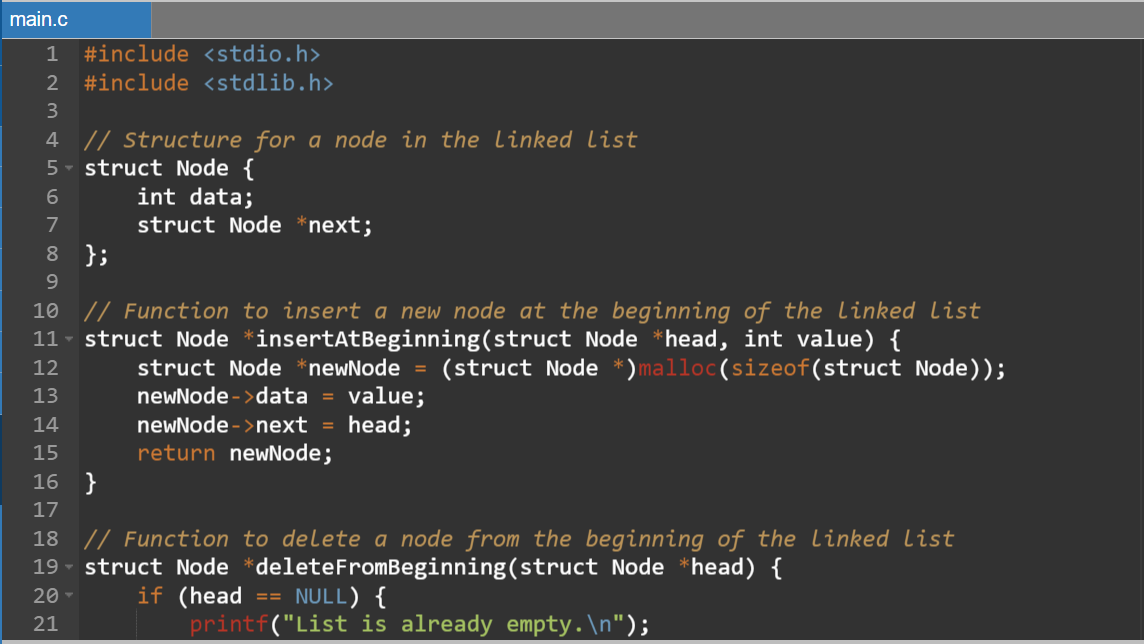


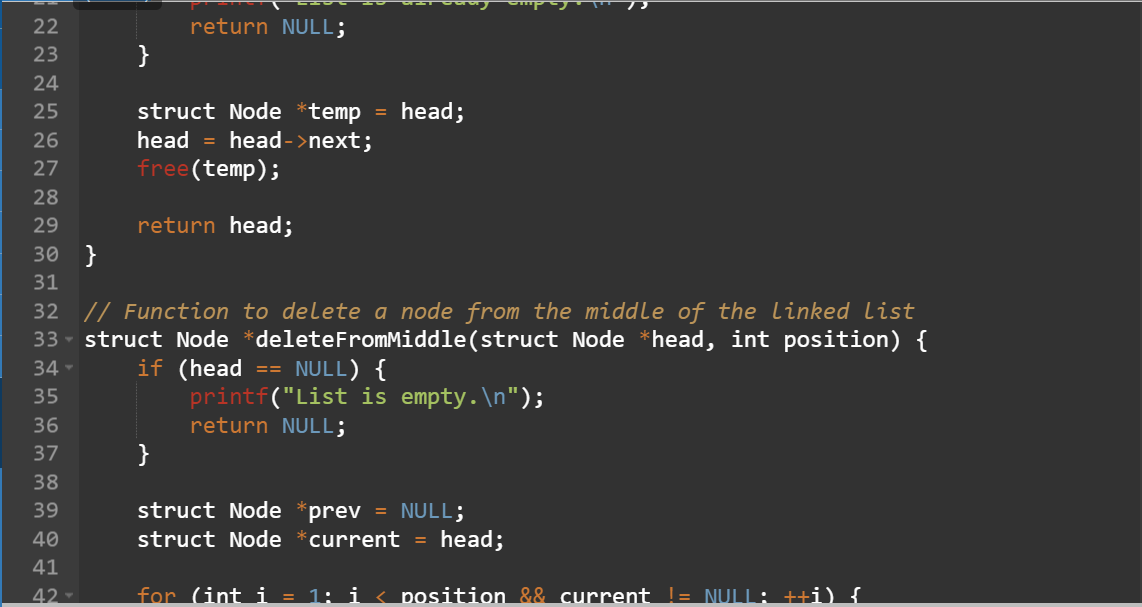


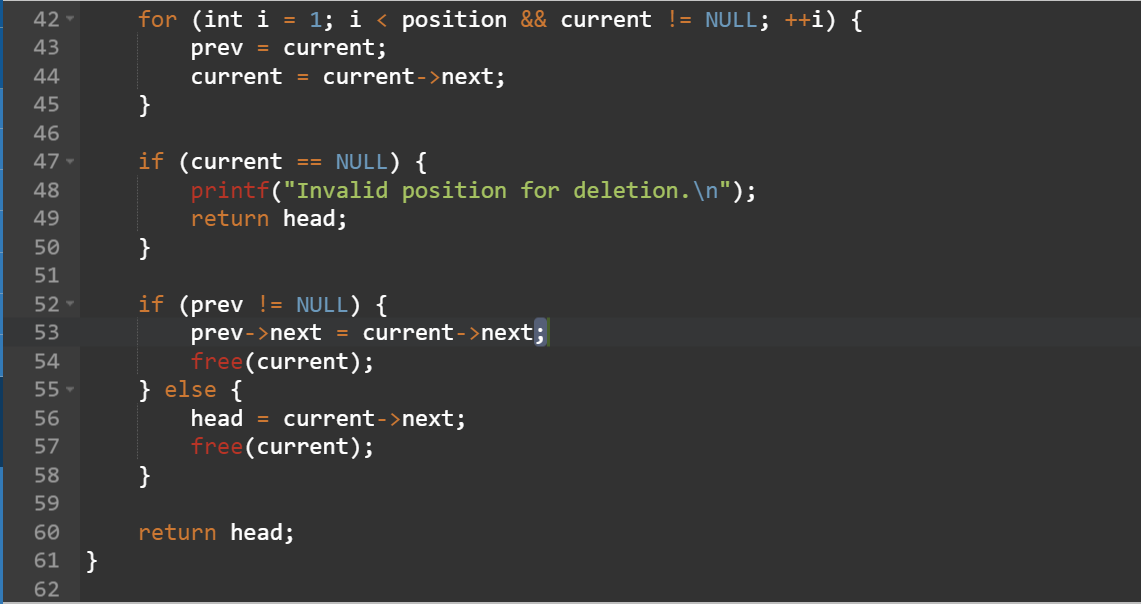


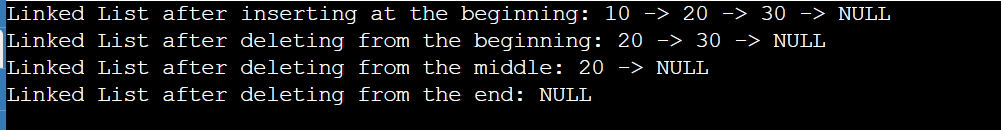


1. Delete an element into the list [ beginning, middle, last].

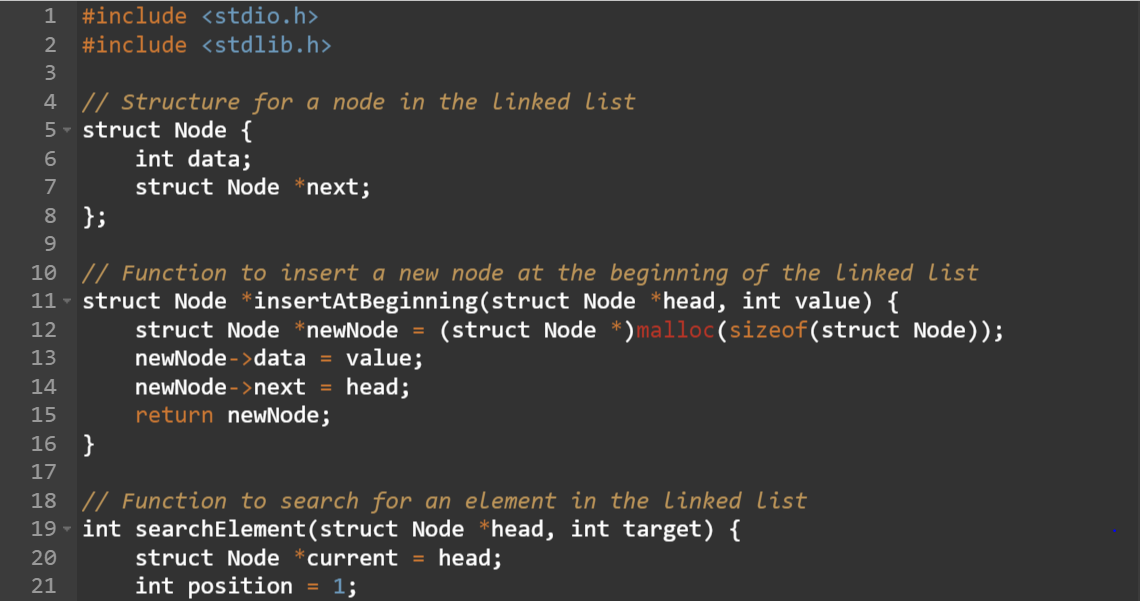


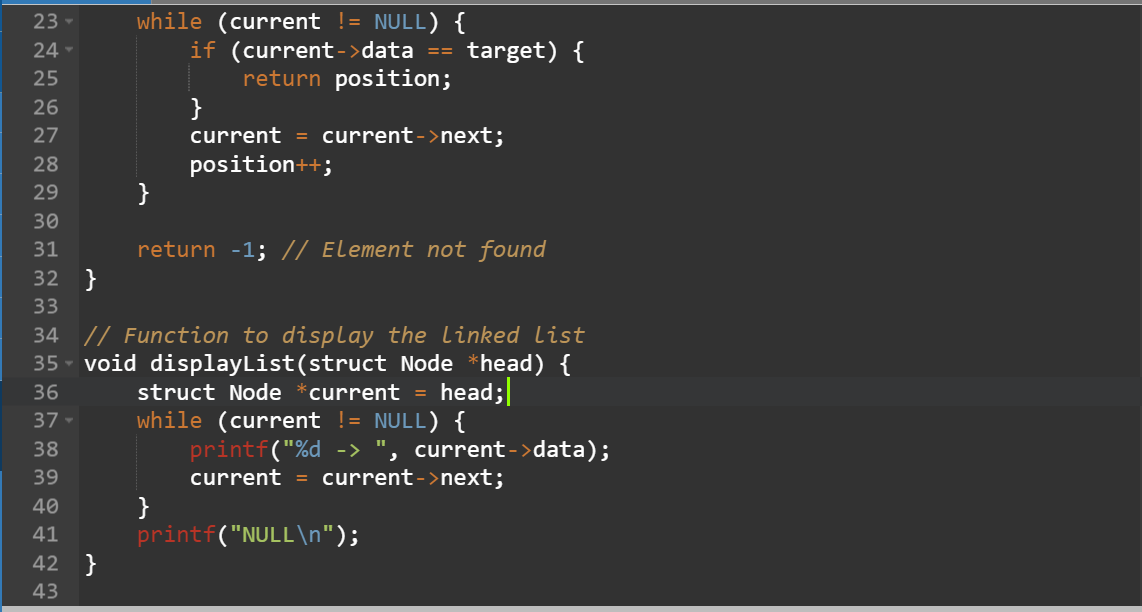




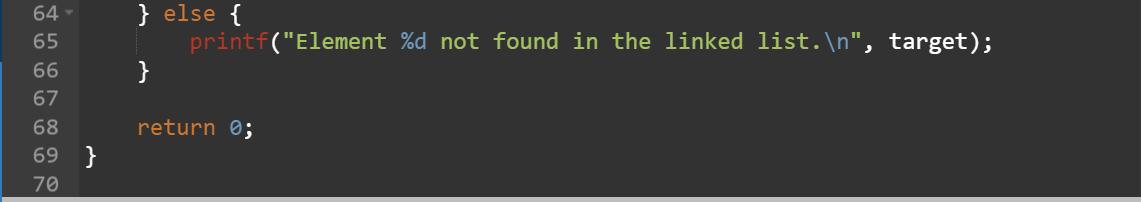


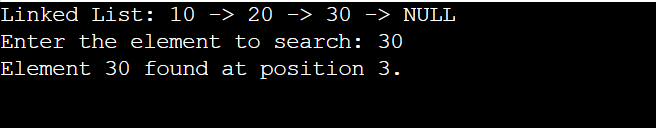
1. Search for an element in the list.



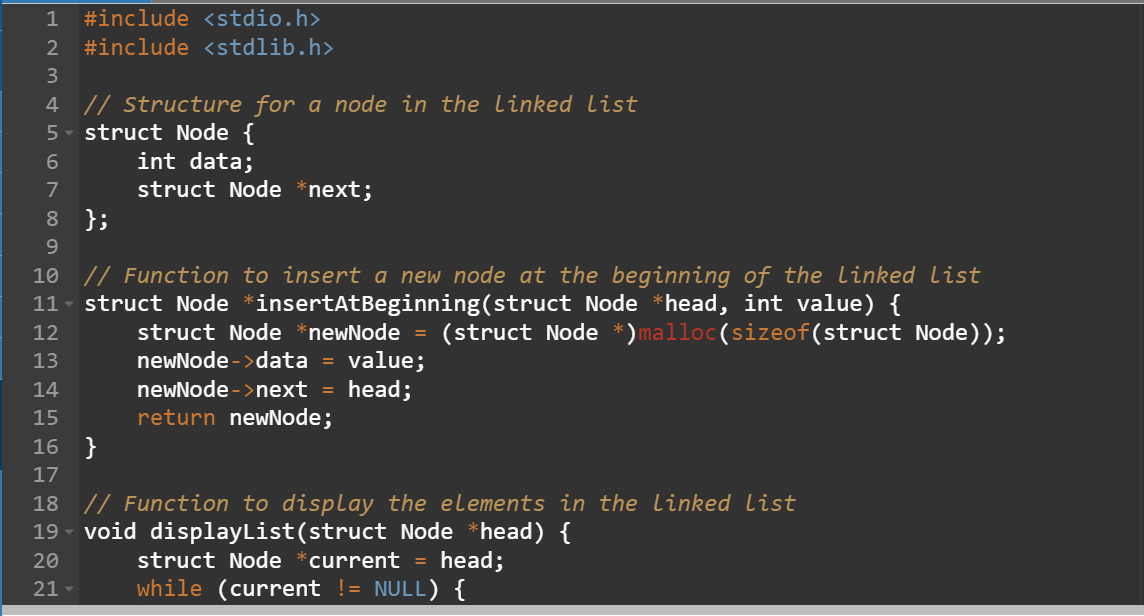








1. Display the elements.







1. Write a c program to implement the stack data structure with the following.
2. Pop an element into the list [ beginning, middle, last].

A screen shot of a computer program

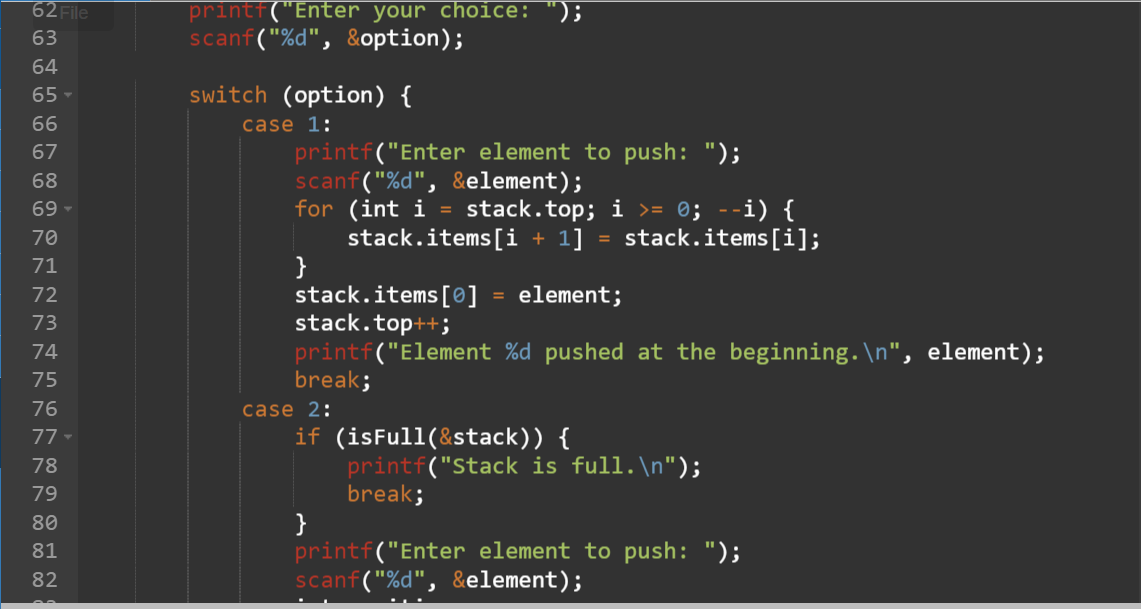
Description automatically generated

A screen shot of a computer program

Description automatically generated

A screen shot of a computer program

Description automatically generated

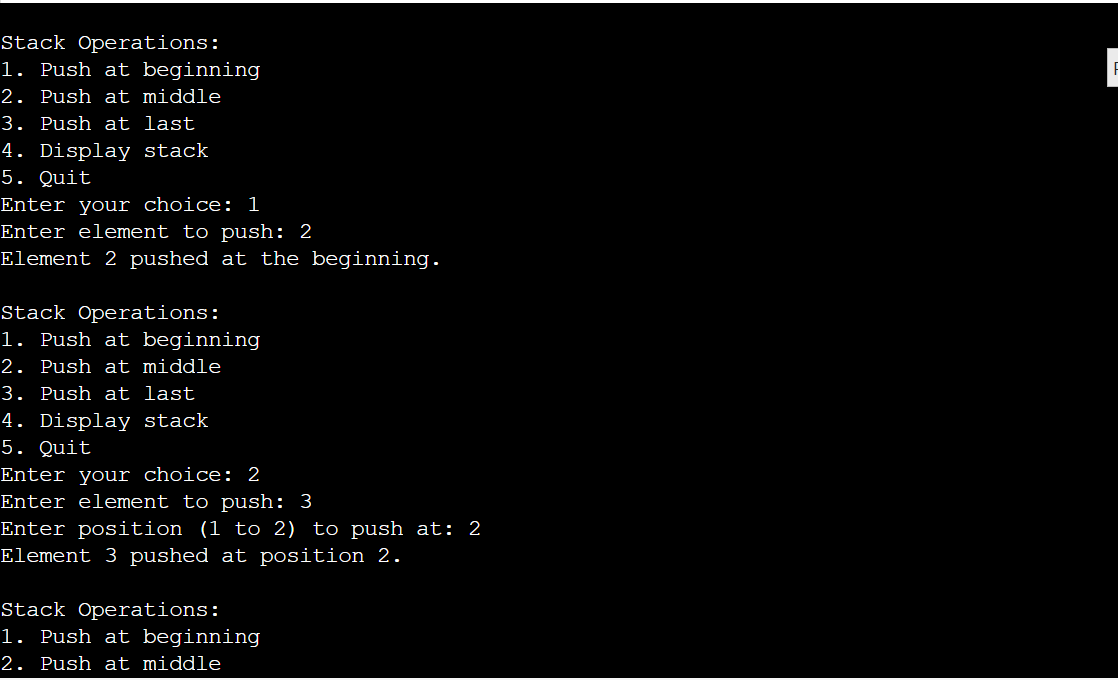


A screen shot of a computer screen

Description automatically generated

A screen shot of a computer program

Description automatically generated



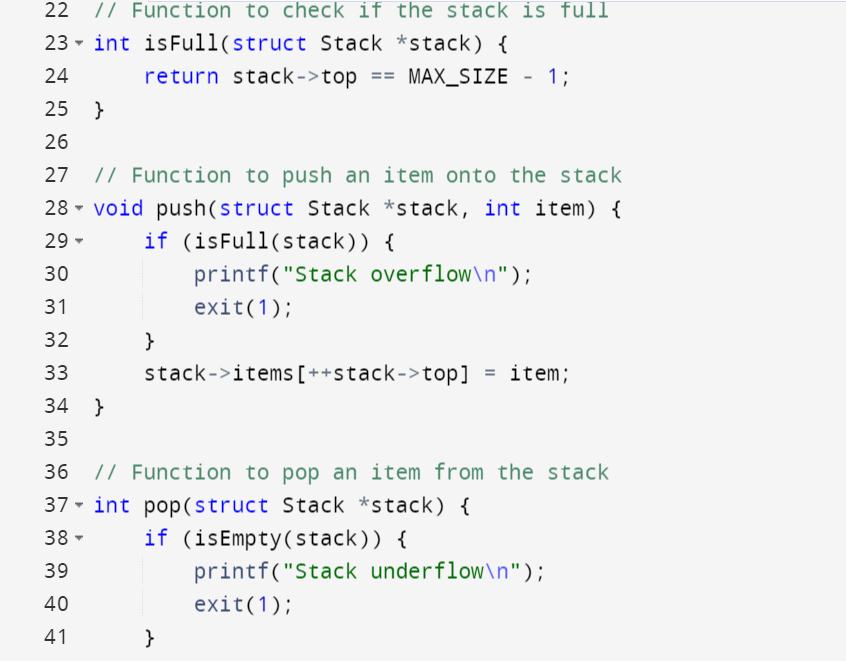
A computer screen shot of a black screen

Description automatically generated

1. Search for an element in the stack.

A screenshot of a computer code

Description automatically generated



A computer screen shot of a computer code

Description automatically generated

A screen shot of a computer program

Description automatically generated

A screen shot of a computer code

Description automatically generated

A computer screen shot of a computer code

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

1. Display the stack.

A screen shot of a computer program

Description automatically generated

A screen shot of a computer program

Description automatically generated

A screen shot of a computer program

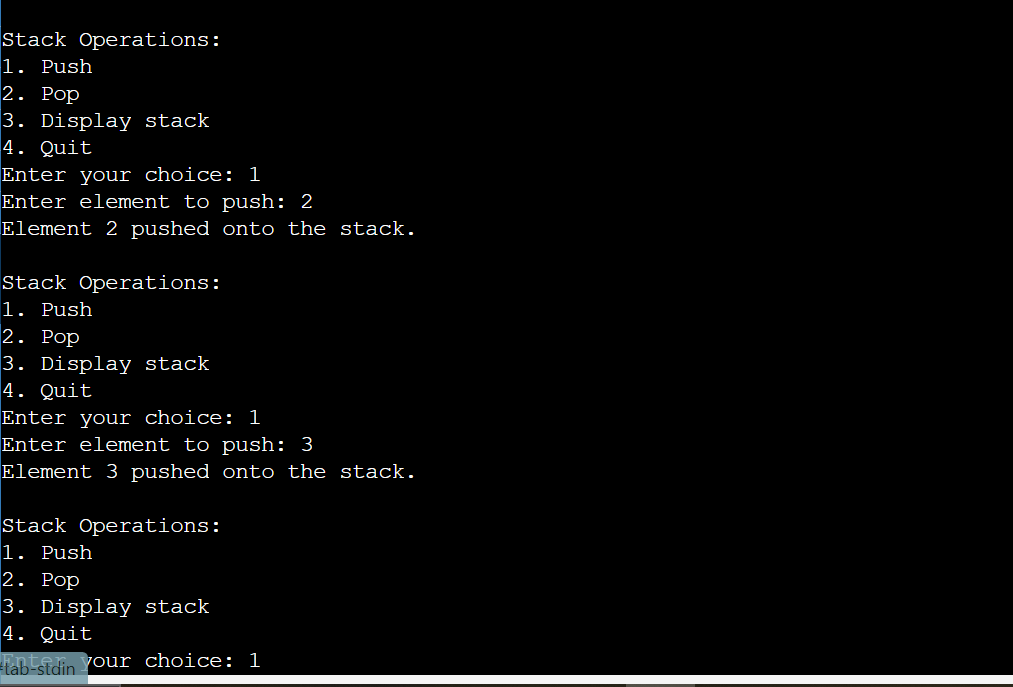
Description automatically generated

A screen shot of a computer program

Description automatically generated

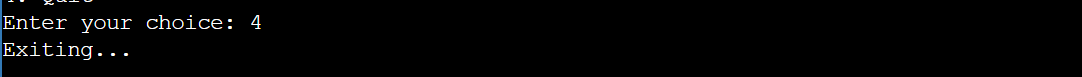
A screen shot of a computer program

Description automatically generated



A screenshot of a computer program

Description automatically generated



1. Write a c program to implement queue data structure with the following operations.
2. Enqueue
3. Dequeue
4. Display

A screenshot of a computer program

Description automatically generated

A screen shot of a computer program

Description automatically generated

A screen shot of a computer code

Description automatically generated

A screen shot of a computer program

Description automatically generated

A screen shot of a computer code

Description automatically generated

A black screen with white text

Description automatically generated

1. To convert infix to postfix using stack

A screen shot of a computer program

Description automatically generated

A screen shot of a computer program

Description automatically generated

A screen shot of a computer

Description automatically generated

A screen shot of a computer code

Description automatically generated

A computer screen shot of a program

Description automatically generated

A black background with white text

Description automatically generated

1. To evaluate the given expression using stack.



