

25/9/20

addition

QUESTION

IBM 19CS006

Write a program to simulate the working of stack using array with the following:

- a) Push
- b) Pop
- c) Display

The program should print appropriate messages for stack overflow, stack underflow.

void display(int []);

void push(int [], int);

int pop(int []);

~~int pop (int stack[]);~~

~~int popele;~~

~~if (top == -1)~~

~~printf~~

void push(int stack[], int ele);

if (top == size - 1)

printf("Stack overflow");

else

{  
    top++;

    stack [top] = ele;

}

①

~~upid~~~~int pop(int stack[])~~~~if (top == -1)~~~~printf ("Stack underflow");~~~~else~~~~popEle = stack [top];~~~~top --;~~~~return popEle;~~~~{ }~~

void display (int stack [])

{ }

int i;

printf ("The stack is ");

{ for (i = top; i &lt;= top; i++)

printf ("%d",

{ for (i = top; i &lt;= 0; i--)

printf ("%d\n", stack [i]);

{ }