

### Problem-3 ARRAY IMPLEMENTATION OF STACK ADT

Enter the size of STACK[MAX=100]: 5

STACK OPERATIONS USING ARRAY

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1.PUSH

2.POP

3.DISPLAY

4.EXIT

Enter the Choice: 1

Enter a value to be pushed: 10

Enter the Choice: 1

Enter a value to be pushed: 20

Enter the Choice: 1

Enter a value to be pushed: 30

Enter the Choice: 3

The elements in STACK are:

30

20

10

Enter the Choice: 2

The popped element is 30

Enter the Choice: 3

The elements in STACK are:

20

10

Enter the Choice: 4

EXIT POINT