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28 Q) WAP to stimulate the working of stack using an array with the following:-

(i) Push

(ii) Pop

(iii) Display

The program should print appropriate message for stack overflow & stack underflow.

Ans: int A[SIZE];

top = -1;

push (x)
{ top = top + 1;
  A [top] = X ;
}

pop ()
{ top = top - 1; }

IsEmpty ()
{ if (top == - 1)
    { System.out.print ("stack underflow");
    }
  else
    { return False; }

display ()
{ return A ; }