13 November 2020 DS-LAB TEST-L

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and the same of th
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struct stack {
           int aux [MAX];
           int top;
11 initializing dack
void int (struct stack *s) {
         St top = -1;
 }

// pushing data in stack

Void push (struct stack *s, int d) {
         y (s→ top == MAX-1) {
                  printf (" Stack Overflow \u");
                  return;
         S \rightarrow top ++;
         S -> avr [S -> top] = d;
```

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```
//popping elements from stack
  void pop ( struct stack * s) {
         y (s→tep = = -1) {
               prints (" Stack Unduylowin);
               return;
          printfl" ).d was popped In", s-arr[s-top]);
          $ → top --;
  11 boo check for empty
  void display (struct stack S) {
          if (2 in tob = = - 1) {
                privité ("No ituus in stacklu");
           for (int i= 1) = stop; it
                 printf("1.d", s.an[i]
           for (int i = s.top; i>= 0; i--) {
                   printf ("i.d", s. aru [i];
             $ printf("> (n ") ;
```

3