



```
public class DynamicStack extends Stack {
 @Override
  public void push(int item) {
    %if (isFull()) {
        int[] new_arr = new int[2 * arr.length];
       rfor (int i = 0; i < arr.length; i++) {</pre>
           new_arr[i] = arr[i];
                                                                        19x=1
        arr = new_arr;
                                           20
                                                                          arciex)=17
                                                  3 n 5 6 7 6 9
  public static void main(String[] args) {
     DynamicStack ds = new DynamicStack();/
                                                                 am,
     D S PURN (10)
      3.510sh (21)
     D8. 608/(3/)
      DS. Posh (w)
       DS. Lush (S3)
        DS. (10) (10)
                                                           60 70 20 4050 800
muanci)- an ((fri)/am)
                                             30/40/50
                                                                 fti
                                                                 2+0=2~
                                                                 212= 4
               30 /00/00/(1/70
                                                                2+3 = 51,5=0
                                                                 2+4 = 616=1
                   ners an co) = an c2)
                   mo (m(1) = arr(3)
                   nowar (2): 677(U)
                 mour (3) - arr (o)
                   mon (n) = an (1)
```