```
new classiamer)
                                             Classone var
                                                                   0 63
                                                                                                            Opphase > compter
                                                                                                                  (1) ruf phroc
                    obj = (new C()
                                                                                                                           g=,
                System.out.println(obj.'d');
                System.out.println(obj.d1);
                System.out.println(obj.d2);
                                                         phonere
                                                          no bus
public static void main(String[] args) {
             // Case-1
      P obj = new P();
// System.out.println(obj.d);
// System.out.println(obj.d1);
// obj.Fun();
// obj.Fun1();
             // Case-2
             P obj = new C();
           (System.out.println(obj.d);
          System.out.println(obj.d1);
System.out.println(((C) (obj)).d2);
System.out.println(((C) (obj)).d);
                                                                                                 List 27-> 11= Non
             obj.Fun();
             obj.Fun1();
              ((C) (obj)).Fun2();
                    C (bj) = <u>new P();</u>
System.out.println(obj.d);
System.out.println(obj.d1);
                      (System.out.println(obj.d2);
                                                                                                       nov.
                       @Override
                    c public void push(int item) {
                       public static void main(String[] args) {

✓ DynamicStack ds = new DynamicStack();
                              ds.push(10); ->
                              ds.push(20);
                              ds.push(30);
                              ds.push(40);
                              ds.push(50);
                             ds.push(60);
                                                                                   idx++; /
                                                                                                arr[idx] = item;
            public void push(int item) {
                        rif (isfull()) {
                                int[] new_array = new int[2*arr.length];
                                 for (int i = 0; i < arr.length; i++) {</pre>
                                       new_array[i]=arr[i];
                                arr=new_array;
                   public static void main(String[] args) {
                          DynamicStack ds = new DynamicStack();
                          ds.push(10);
                          ds.push(20);
                          ds.push(30);
                          ds.push(40);
                          ds.push(50);
                          ds.push(60);
     public void Enqueue(int item) throws Exception {
                                                                                                                                         6
                   if (isfull()) {
                          int[] new_array = new int[2*arr.length];
                                                                                                                                                                  41
                                                                                                                                                          30
                   super.Enqueue(item);
            public static void main(String[] args) throws Exception {

\begin{array}{c|c}
(2+3)!.5=0 \\
n(3):-(1-1) \\
n(3):-(1-1) \\
n(3)=-(1-1) \\
n(3)=-(
                   DynamicQueue dq = new DynamicQueue();
                   dq.Enqueue(10);
                   dq.Enqueue(20);
                   dq.Enqueue(30);
                   dq.Enqueue(40);
                                                                                                                                     (211)^{1}.5=3
n(1)=617(2)
                   dq.Enqueue(50);
                   System.out.println(dq.Dequeue());
                                                                                                                                             (2+2)/.5=4
~(2+2)/.5=618CU)
                   System.out.println(dq.Dequeue());
                   dq.Enqueue(60); 

                   dq.Enqueue(70);
                   dq.Enqueue(80);
```

Lec-27

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