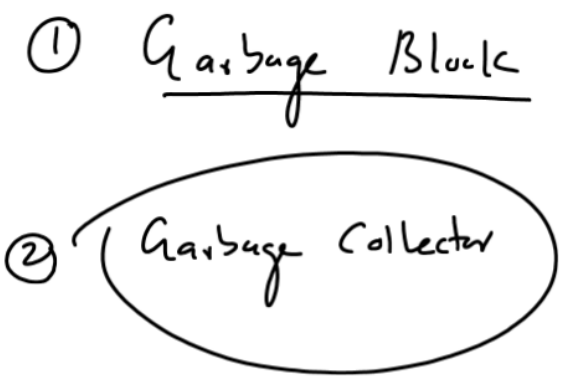
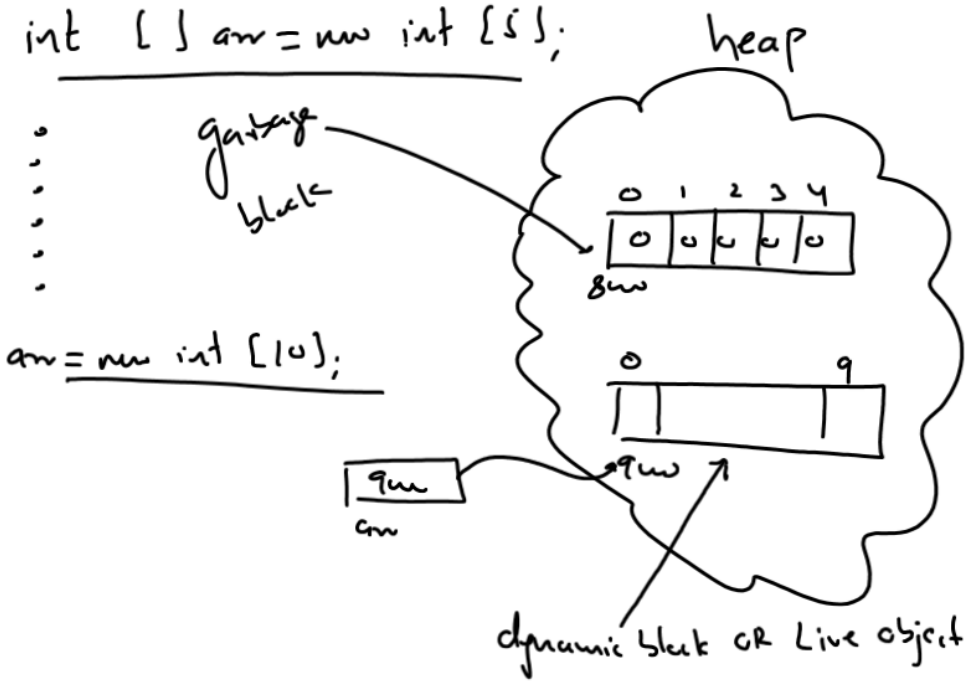
```java
package sachin;
import java.util.Scanner;
public class ArrayDemo {
   public static void main(String[] args) {
      int n;
      int []arr;
      Scanner kb=new Scanner(System.in);
      System.out.println("Enter size of array");
      n=kb.nextInt();
      arr=new int[n];
      System.out.println("Enter "+n+ " nos");
      for(int i=0;i<n;i++)
      {
         arr[i]=kb.nextInt();
      }
      int sum=0;
      for(int i=0;i<n;i++)
      {
         System.out.println(arr[i]);
         sum=sum+arr[i];
      }
      System.out.println("Sum is "+sum);
      System.out.println("Average is "+(float)sum/n);
   }
```

How Java Handles Deallocation Of Dynamic Block ?





Initializing an Array

① `int [ ] months = new int [12];`

`months [0] = 31;`

`months [1] = 28;`

`months [11] = 31;`

② `int [ ] months = new int [ ] { 31, 28, 31, - - - 31 };`

Initializers

(8) int [ ] months = { 31, 28, 31, . . . 31 };

(4) int [ ] arr;

✗ arr = { 31, 28, 31, . . . 31 };

✓ arr = new int [ ] { 31, 28, 31, . . . 31 };

Using length property

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```
int [ ] arr={10,5,11,56,78,21,34,90,22,35,61};
```