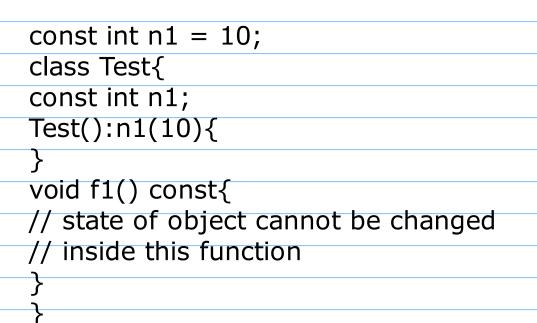
Constant

- Once it is initialized it cannot be changed
- We can make
- 1. variable
- 2. data members
- 3. member functions
- 4. Object

class BankAccount{
 const int accno;
 string name;
 double balance;
}

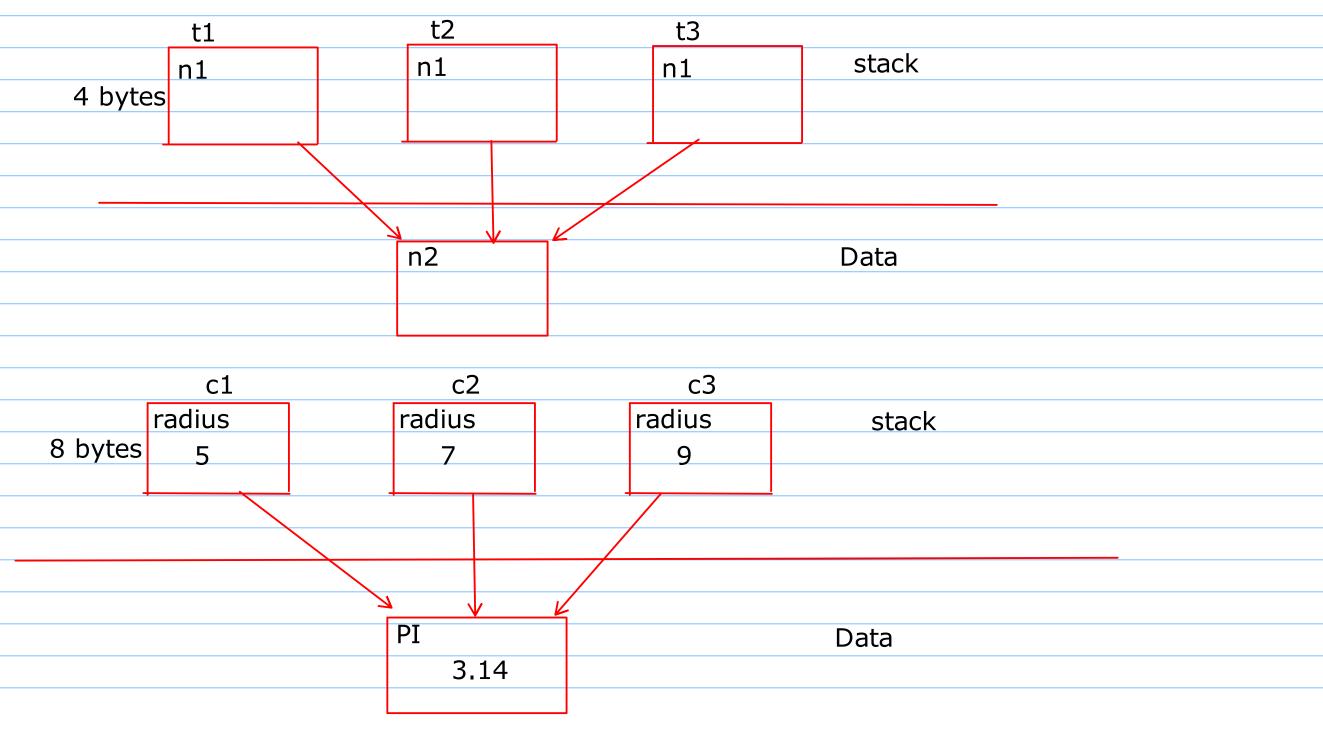


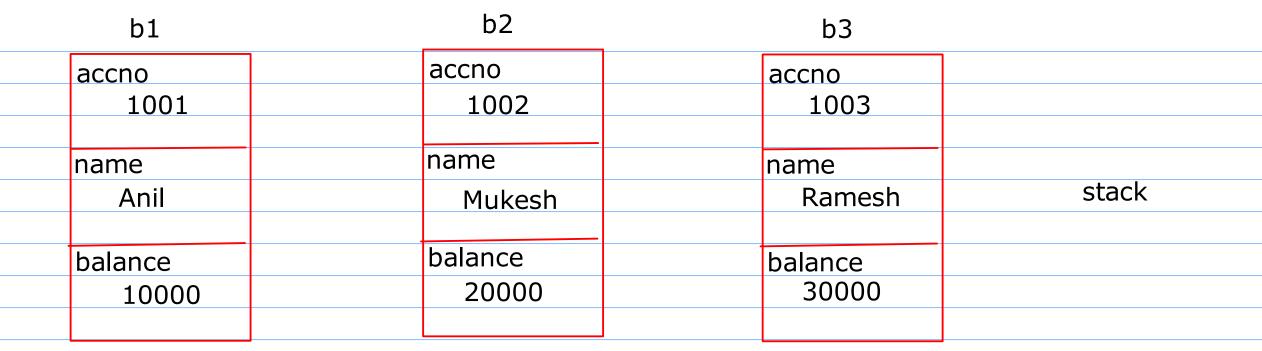
*n1

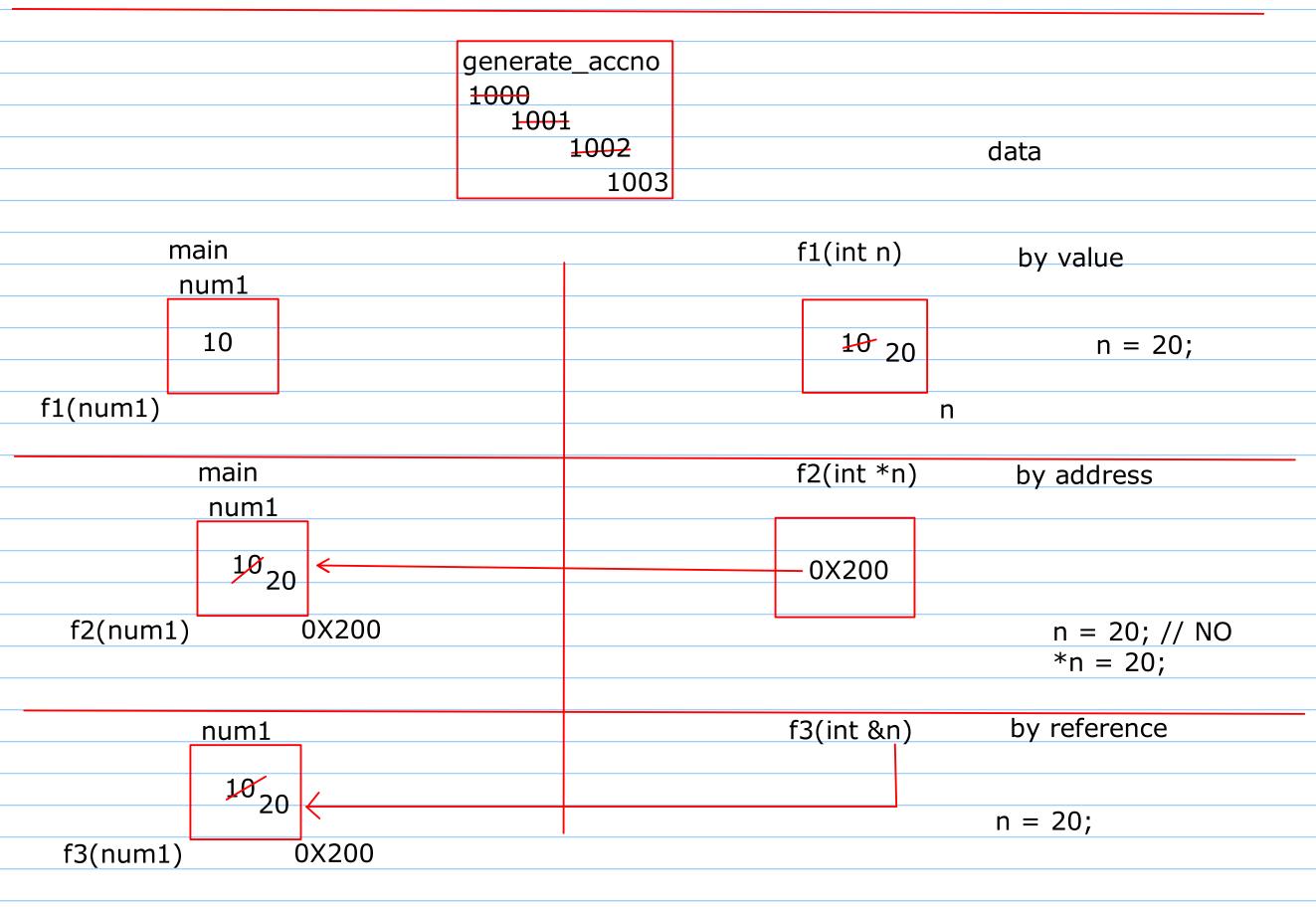
const Test t1; // state cannot be modified

Static

- Sharing
- We can make
- 1. Data Members as static
- 2. Member Functions as static







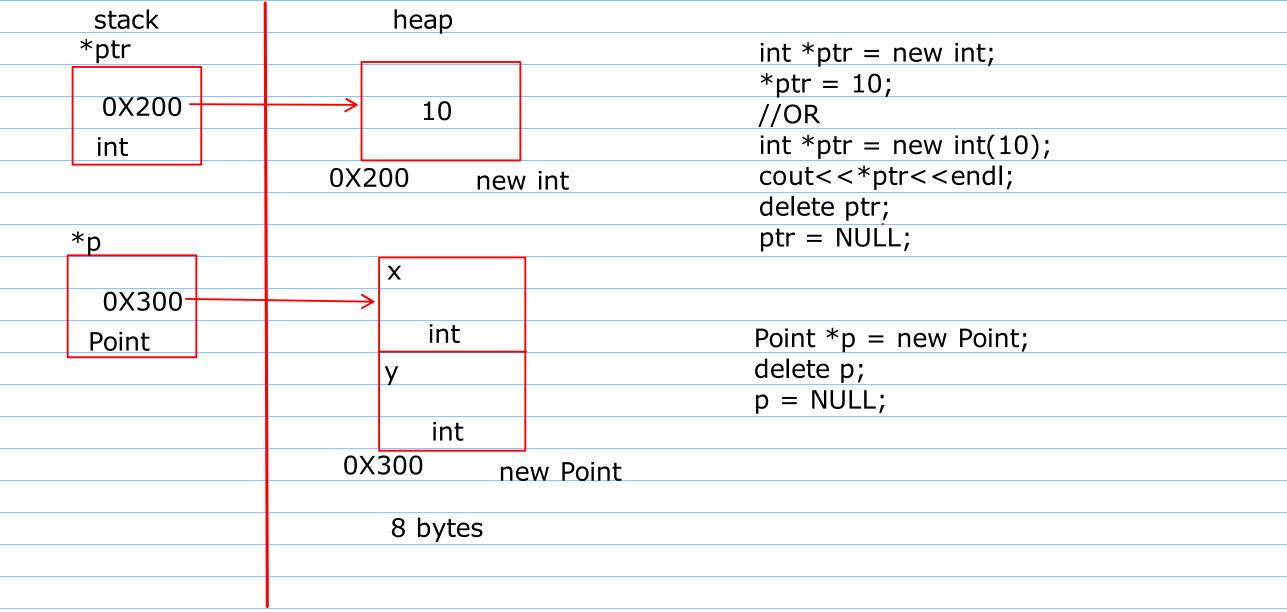
Reference

- it is an alias for an existing memory location

int &n = num1;
//int *const ptr = &num1;

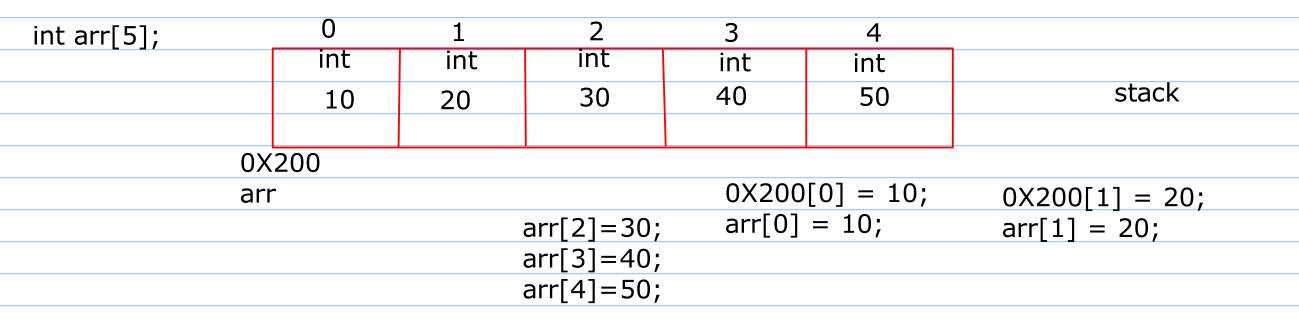
*const ptr

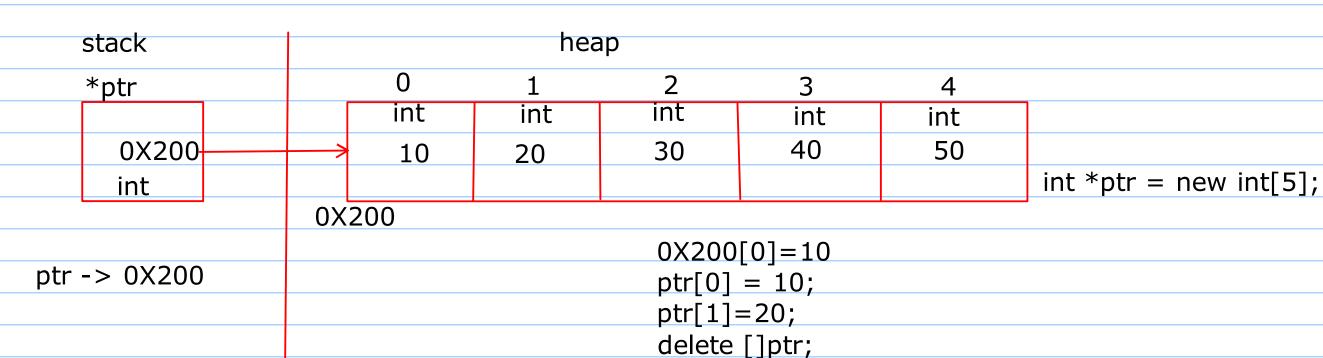
Dynamic Memory Allocation



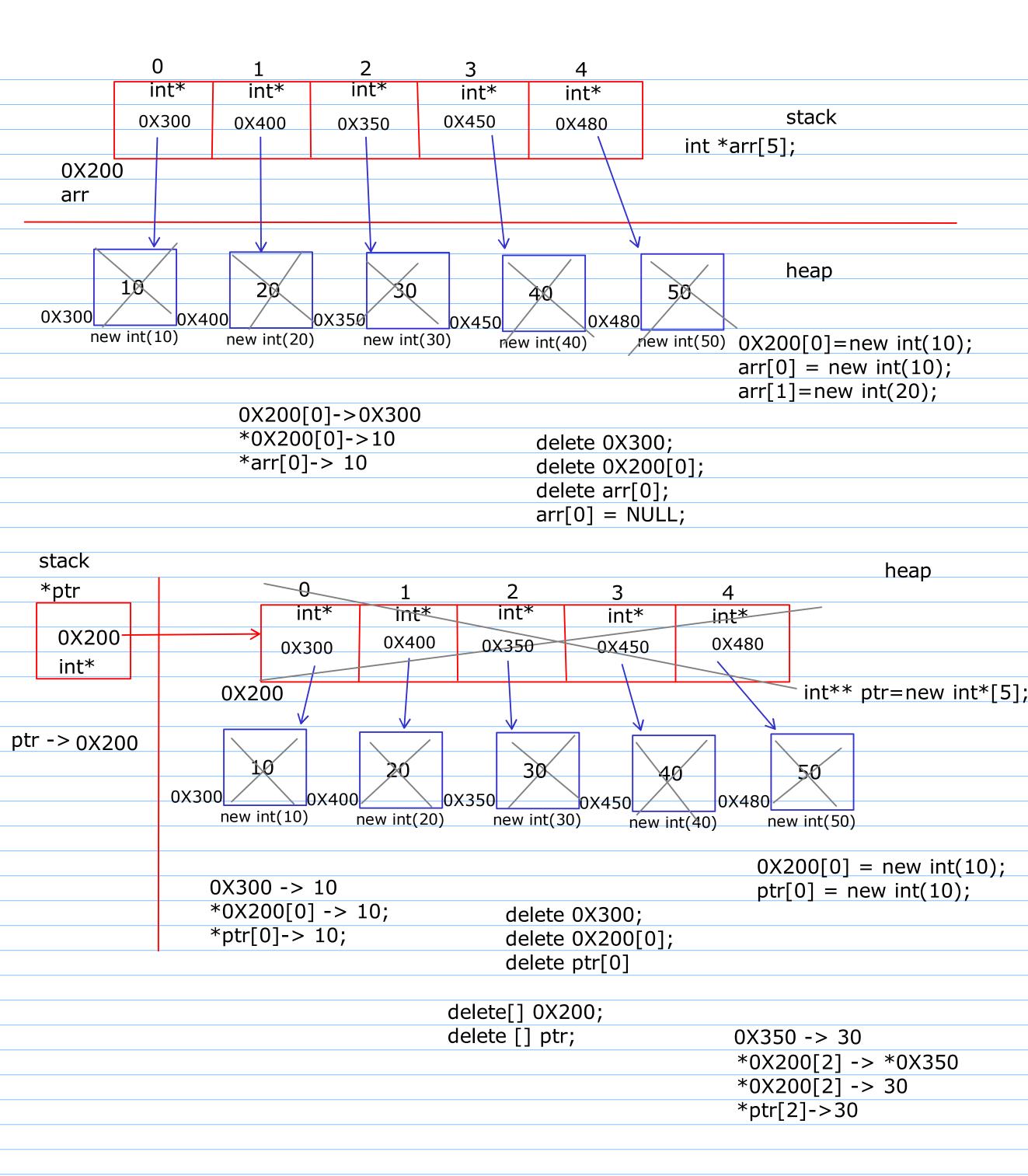
Array

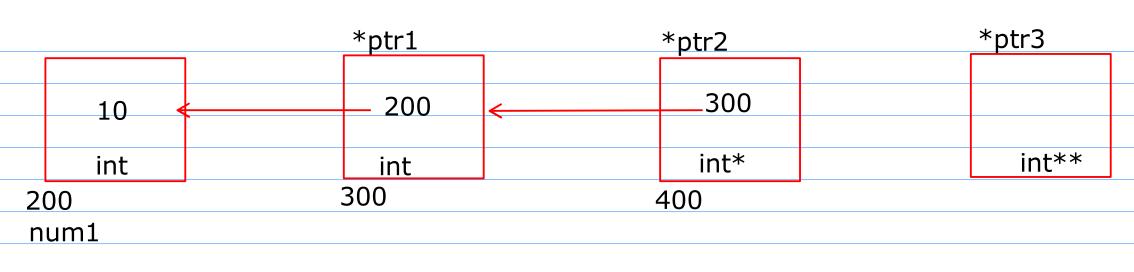
- It is a data stucture used to store similar types of elements in contigious memory location
- For an array we use indexes for accessing the elements.





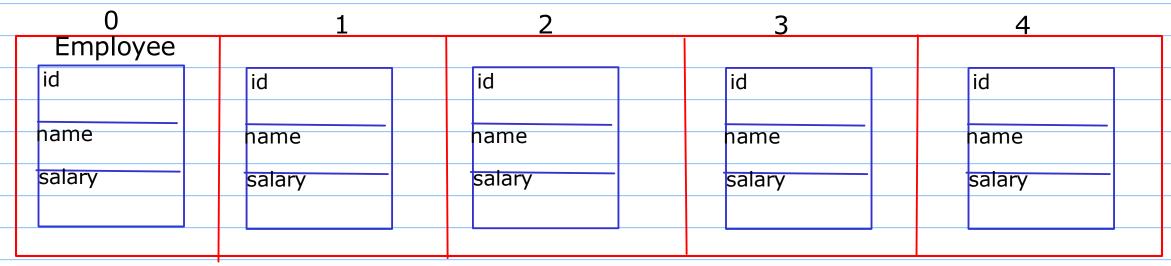
ptr = NULL;





200 -> 10 ptr1 -> 200 ptr2 -> 300 num1 -> 10 *ptr1 -> *200 *ptr2 -> *300 *ptr2 -> *300

Employee arr[5];



0X200

Employee arr[5];

Employee* arr[5];

new Employee[5];

new Employee*[5];

stack Heap

