

## # Static

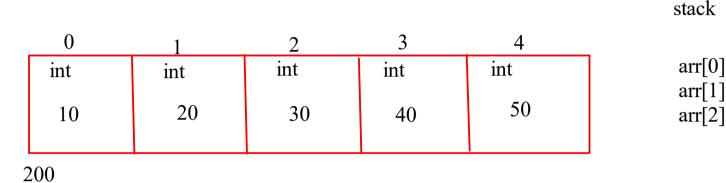
- We can make datamemebrs and member functions as static
- Data members as satic
  - These are used to share between multiple objects
  - They get the memory only once at the time of program loading
  - Their initialization should be done outside the class on global scope using classname ::
  - We can make then as constant
- Member functions as static
  - These are designed to be called on class name using ::
  - These functions do not get this pointer
  - As this pointer is not given to static member function, we cannot access non static data members inside them we can access only static data members inside them.
  - we cannot make them as constant, as they do not have this pointer

## Array

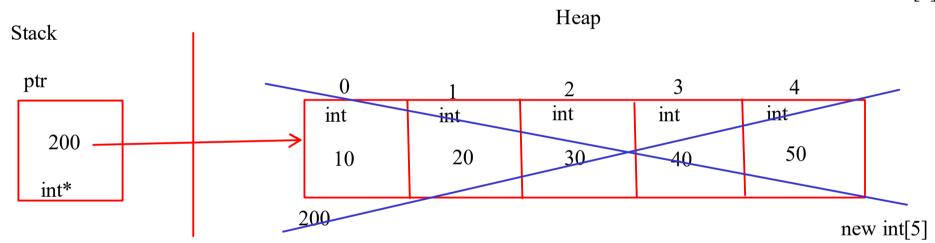
- It is a data structure/ collection used to store the data of similar types in contigious memory location

- Its size is fixed.

int arr[5];

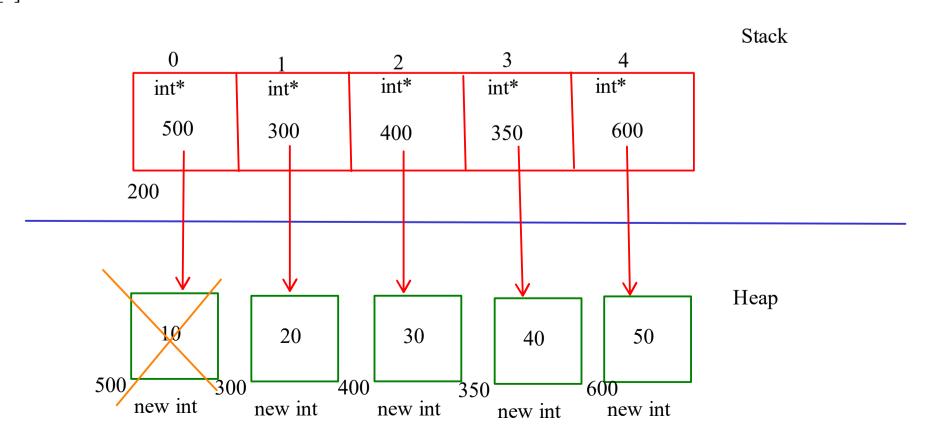


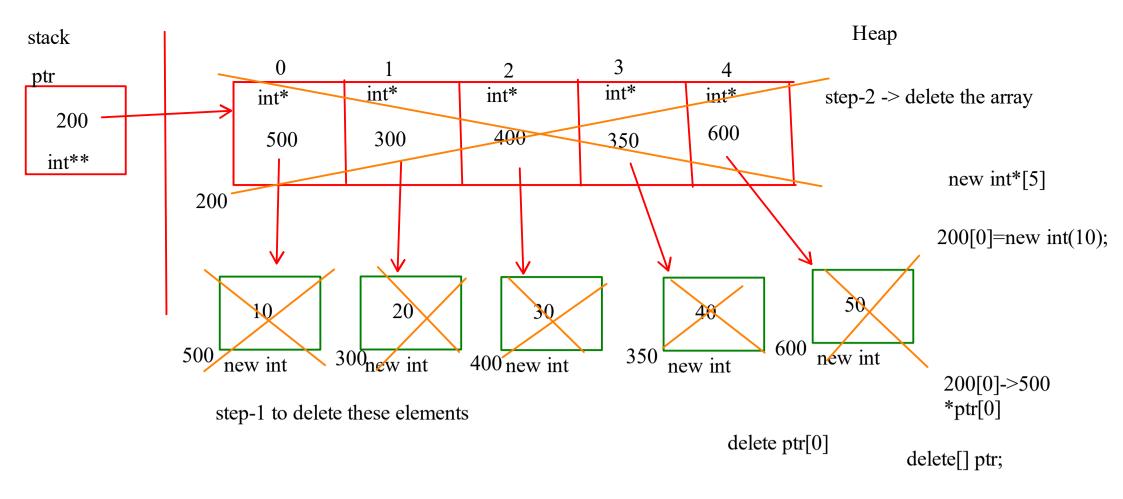
arr-> 200[0] arr[1]->200[1]



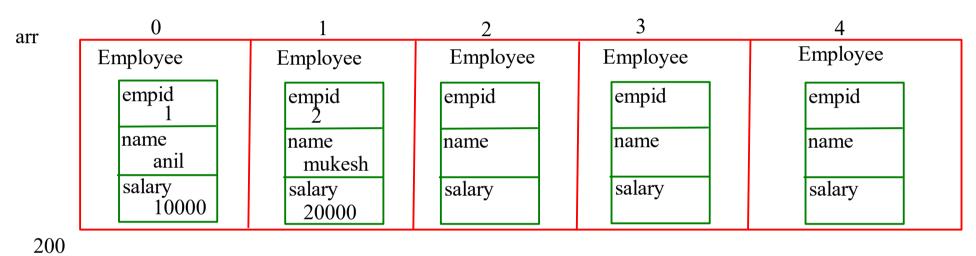
ptr -> 200 ptr[1]->200[1]

## int\*arr[5]





## Employee arr[5];



200[0].acceptData(); 200[0].displayData();

