**Assignment # 2 : Memory Management for automatic/dynamic/static variables**

**(in c/c++, and java)**

1. **Explore memory management for**
2. **Primitive data types (int/long/char/float/double/unsigned)**
3. **struct with char,int,char & int,char[with sise 1,2,3,4,5],int**

1. **Implement swap function in c/c++, java and explore call by value/pointers/reference**
2. **Explore the functionally of** with local automatic variables & dynamic allocations

malloc() , calloc() , realloc() / free

sizeof()

new / delete

struct with local and dynamic variables.

1. Implement one and two dimensional Dynamic Arrays using malloc() and new