Question : Leetcode for Reverse Integer

Solution:

```
class Solution {
        public int reverse(int x) {


        boolean isNegative = false;
        if (x < 0) {
            isNegative = true;
            x = -x;
        }
        long reverse = 0;
        while (x > 0) {
            reverse = reverse * 10 + x % 10;
            x /= 10;
        }
        if (reverse > Integer.MAX_VALUE) {
            return 0;
        }
        return (int) (isNegative ? -reverse : reverse);


    }
}
```

Question: Leet code for Merge Sorted Array

Solution:

```
class Solution {
  public void merge(int[] nums1, int m, int[] nums2, int n) {
    int i = m - 1;     // nums1's index (the actual nums)
    int j = n - 1;     // nums2's index
    int k = m + n - 1; // nums1's index (the next filled position)



    while (j >= 0)
      if (i >= 0 && nums1[i] > nums2[j])
        nums1[k--] = nums1[i--];
      else
        nums1[k--] = nums2[j--];
  }
}
```