



Assignment 6

1. Write a function `[int htoi(char [])]`, which converts a string of hexadecimal into its corresponding integer value.
2. Write a function to multiply two integer matrices.
3. Write a function `squeeze()` which takes a string and removes whitespaces from it.
4. Use Function overloading to implement
 - a. `Void reverse(int)` – to print reverse of a number
 - b. `Void reverse(char [])` – to print reverse of a string
 - c. `Void reverse(int [], int)` – to reverse print an array
5. Write a function `allQueensAreSafe`, which takes a 2D array representing a chessboard (where 1 at a co-ordinate represents a queen and 0 represents an empty space) and returns true only if no queens are crossing each other.
6. Write a function, which takes an array and removes duplicates from the array while keeping the order of non duplicate elements the same as original array.
7. Implement a function `getline()` which uses `cin.get()` and does the same thing as `cin.getline()` [handle default delimiter as well].