Homework 9

Homework 9.1

Write a program to input an array that stores 100 integers, then

* Find the sum of the odd number in the array
* Find the minimum value.

Homework 9.2

Implement a function that accepts two integer arrays and returns 1 if they are equal, 0 otherwise

Write a program that accepts two arrays of integers from the user and checks for equality

Homework 9.3

Write two functions:

1. the first sorts the integers element in an array by the decreasing order.
2. the second sort the odd elements in the decreasing order.

Write a program that asks user to enter 10 integers and displays the results after two styles of sorting above.

Homework 9.4

Write a program that defines 3 matrices A,B,C of size 3x3 with int elements; initialize the first two matrices (A and B)

Compute the matrix multiplication of A and B and store it in C (i.e. C = A\*B)

Print all the matrices on the screen

Homework 9.5

Input an array with the number of element n asked from user. Check to see whether the array is symmetric.

Homework 9.6

Write a function that reverse the array content. Use this function in a program that asks user to enter a list of floatting numbers.

Then reverse all these numbers without creating another array.