# Sheet 8

1. Write a program to find all pairs of elements in an array which contains 8 elements whose sum is equal to a specified number. Sample Output:

   Enter element [1]= 2
   Enter element [2]= 12
   Enter element [3]= 3
   Enter element [4]= 10
   Enter element [5]= 4
   Enter element [6]= 9
   Enter element [7]= 8
   Enter element [8]= 50
   Enter a number to test equality : 12
   2 + 10 = 12
   3 + 9 = 12
   4 + 8 = 1

2. Write a program that calculate the sum and product of 2*2 matrix and print the results

3. Create a phone book as struct it stores the person name, phone number and address
   ask the user to enter a person name and you will print his all data if his name is available if not
   give him another chance to search
   he can enter E to exit this process.