Chapter 6 - Practice Set

1. Write a program to print the address of a variable. Use this address to get the value of this variable.

2. Write a program having a variable i. Print the address of i. Pass this variable to a function and print its address. Are these addresses Same? why? No, because a copy of variable i is passed to the function and this copy of variable i is allocated space at a different address RAM.

3. Write a program to change the value of a variable to ten times of its current value. Write a function and pass the value by reference.

4. Write a program using a function which calculates the sum and average of two numbers. Use pointers and print the values of sum and average in main()

5. Write a program to print the value of a variable i by using "pointer to pointer" type of variable.

6. Try problem 3 using call by value and verify that it doesnt change the value of the said variable.