

## 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?
- 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 doesn't change the value of the said variable.