LISP PROGRAMMING 1

While submitting your program, name your program as RollNo_Assignment1_Ans1.lsp (For example, 10001004_Assignment1_Ans1.lsp); RollNo_Assignment1_Ans2.lsp; RollNo_Assignment1_Ans3.lsp; and so on].

1. (5 Points) Write a function called **fact** that determines the factorial of a number.

2. (5 Points) Write a function called **sum-of-squares** that determines the sum of the squares of two numbers.

3. (5 Points) Write a function called **greater** that determines the greater number out of two numbers.

4. (5 Points) Write a function called **fifth** that detects the fifth number in an array. Also your program should say NIL in case your array contains less than 5 numbers.

Due date: Tuesday, 30 October 2018, 11:59 PM