Lab 9

Instructions: Complete the steps below. Be sure to show your code to one of the lab TAs before you leave, so that you can receive credit for this lab. You must also upload a copy of all your source code (.java) files to the link on Blackboard by **11:59 PM on Wednesday September 30, 2020 for L01, L02, L03, L05 and by 11:59 PM on Tuesday September 29, 2020 for L06, L07, L08 and L09**.

1. Write a program that reads a telephone number from the keyboard as a string of 10 digits. You should output that same telephone number formatted as (nnn)nnn-nnnn.

   Example : Enter the phone number : 9876543210
   Formatted phone number : (987)654-3210

2. Write a program that prompts the user to enter a Social Security number in the format DDD-DD-DDDD, where D is a digit. Your program should check whether the input is valid. Here is a sample runs:
   Enter a SSN: 232-23-5435
   232-23-5435 is a valid social security number
   ENTER a SSN: 23-23-5435
   23-23-5435 is an invalid social security number

Grading Guidelines: This lab is graded on a scale of 0-6 points, assigned as follows:

- **0 points:** Student is absent or does not appear to have completed any work for the lab
- **2 point (2*1):** Student has written the program, but it has errors.
- **4 points (2*2):** Student has written the program it compiles without error, but it does not produce the correct output.
- **6 points (2*3):** Student has written the program and it compiles and runs correctly, without any errors.