

Winter Semester 2020-21
CSC3001-Java Programming
DA-I

Faculty	P.Ushapreethi
Due Date	7-Mar-2021
Marks	10

1. From first name, middle initial, last name, and social security number, create a password as in the following example. Example: **Meera S. Nair 123-45-6789** will have password **m6s4n1**. [First Name must be your name]
2. Write a program to estimate the cost of an upcoming vacation. There are four types of expenses: Gas, food, boarding, and entertainments. Gas expense is computed on the basis of cost per mile and estimated miles of travel. Food, boarding, and entertainments are based on cost per day and estimated days for each one of them.
3. Given the monthly salary of an employee, compute the bonus. The bonus is \$1000 plus 2% of the amount above \$7000 of the employee's annual salary. Assume that every employee has annual salary above \$7000.
4. Given delay time in seconds, determine the number of days, hours, minutes, and seconds it took a mail to reach its destination.

Note:

1. Complete the java code, compile, and run it in any one of the java compiler.
2. Document the Java code and the screenshots of the outputs and upload it.