King Saud University College of Computer and Information Sciences Computer Science Department

CSC 111:Introduction to Programming with Java Sheet 2 (string, input and output) First Quarter 1444

Question 1: Write a java program that prompts a KSU student to enter his/her full name and KSU email in the following format: firstName lastName_KSUemail

The program should then print the following:

- The first name after capitalizing the first letter.
- The student ID number.
- The student enrolment year.

Sample run:

```
Enter Student full name and KSU email in the following format: firstName lastName_KSUemail norah ahmad_4297080808@student.ksu.edu.sa First name is Norah Student ID is 4297080808
The enrollment year in Higri is 1442
```

Question 2: Write a java program that reads passenger information (fullName, flightNumber, seating, and departureTime) and then prints a boarding pass in the following format:

Passenger Name:	fullName	Flight #:	flightNumber
Seating Line:	seatingLine	Seating #:	seatingNumber
Boarding Time:	boardingTime		

Notes:

- The width of the first and third columns is 20 and Right-justified.
- The width of the second and fourth columns are equal and are greater than fullName length, and Left-justified.
- boardingTime is 30 minutes earlier than the departureTime.
- departureTime is entered in 24-hour sharp timing format ex: 2 O'clock, 13 O'clock ...etc.
- boardingTime is in 24-hour format "hh:mm" ex: 01:30, 14:30 ...etc.
- seating is entered in the following format "YXX" where Y is one of the alphabet letters {'A','B','C','D','E','F'} and represents the seatingLine. And XX is 2 digits representing the seatingNumber.

Sample run:

```
Enter passenger full name:
Ahmad Ali
Enter passenger flight number:
Sa4768
Enter passenger seating:
B44
Enter departure time:
6
Passenger Name: Ahmad Ali
Seating Line: B
Boarding Time: 5:30
```