

Module End Lab Examination – Java Programming I

Course Name:	PG	Batch :	Aug 2019
Module Name:	Java Programming-I	Date:	09/ 10 / 2019
Max. Marks:	40	Duration :	2:00 Hours
		Group:	_____
Name :	_____	PRN :	_____

Instructions :

1. Create new folder (directory) by the name Java_<12 digit PRN> in HOME directory.
2. After successful completion of any part, tick mark ✓ the stage/step in the following self-declaration column.

<u>Evaluation of Lab Exam should be based on the following criteria :</u>					
Self-declaration for Paper Code – A					
Que. No.	Sr. No.	Points to cover	Tick Mark by student	Max Marks	Marks by Evaluator
1	1	Implement appropriate classes	<input type="checkbox"/>	3+3+3	
	2	add new mobile(Accept data from User)	<input type="checkbox"/>	4	
	3	search mobile by model and Print	<input type="checkbox"/>	4	
	4	delete mobile by model and print status	<input type="checkbox"/>	4	
	5	sort all mobiles by company	<input type="checkbox"/>	6	
	6	sort all mobiles by price	<input type="checkbox"/>	6	
	7	Adding of Data in table(below provided data)	<input type="checkbox"/>	5	
	8	Menu driven program	<input type="checkbox"/>	2	
				Total :	_____

Signature of Student

Signature of Evaluator

Q1. Implement following question

- Create class Mobile with following members: String model, String Company, double price.

Write an menu driven program for managing data of mobiles. The program should have following menus: add new mobile, show all mobiles, search mobile by model, delete mobile by model, sort all mobiles by Company, sort all mobiles by price.

- At the start of application add few mobiles in database table as follows.

- "Note 3 N9000", "Samsung", 47900
- "Xperia Z1", "Sony", 41599
- "G2", "LG", 40490
- "Lumia 1020", "Nokia", 49999
- "Xperia C", "Sony", 20460
- "Desire 500", "HTC", 21490
- "Trend S7392", "Samsung", 8490
- "Xperia M", "Sony", 12499
- "Xperia C", "Sony", 21679

- Store all data in database and use such a collection so that mobile information is stored in the order of insertion and available for sorting.