Java Basics

Training Assignment

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RECORD OF CHANGES

No	Effective Date	Change Description	Reason	Reviewer	Approver
1	20/May/2020	Createw a new assignment	Create new	DieuNT1	VinhNV

Contents

FRESHER ACADEMY	**CODE:** **Assignment09_Opt1** **TYPE:** **Long** **LOC:** **N/A** **DURATION:** **90 MINUTES**

Reading and Writing Excel file in Java

Objective

- Reading and Writing Excel file in Java

Business needs

- TBD

Working requirements

- Working environment: Eclipse IDE.
- Delivery: Source code, deployment and testing, reviewing evident packaged in a compress archive.

Product architecture

- N/A

Technologies

The product implements one or more technology:

- Java basics

- Apache POI

Stored Data

- N/A

Exercise 1:

Writing a file using POI is very simple and involve following steps:

1.   Create a workbook

2.   Create a sheet in workbook

3.   Create a row in sheet

4.   Add cells in sheet

5.   Repeat step 3 and 4 to write more data

Excel template:

	A	B	C	D
1	ID	NAME	LASTNAME	
2	1	Amit	Shukla	
3	2	Lokesh	Gupta	
4	3	John	Adwards	
5	4	Brian	Schultz	
6				

Exercise 2:

Writing a file using POI and involve following steps:

1. Create a workbook
2. Create a sheet in workbook
3. Create a row in sheet
4. Add cells in sheet
5. FormulaTotal cell will be: sum(B->H)
6. Highlight all cells

	A	B	C	D	E	F	G	H	I
1	Students	Paper1	Paper2	Paper3	Paper4	Paper5	Paper6	Paper7	Total
2	Student 1	1	7	74	23	75	55	51	286
3	Student 2	73	17	5	52	18	26	26	217
4	Student 3	27	29	29	35	96	17	45	278
5	Student 4	4	4	56	32	12	22	14	144

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