

PROJECT SUBMISSIONS





Program: Mechatronics Engineering

Course Code: CSE-231s

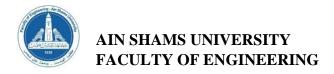
Course Name: Advanced Computer

Programming

Examination Committee

Dr. Mahmoud Khalil Eng. Nourhan Mohamed

Ain Shams University Faculty of Engineering Spring Semester – 2022



Student Names:

El Sayed Ayman El Sayed Ali Ahmed Yasser Ahmed Abdel Salam Ali Hany Ahmed Ali **Student Codes:**

1804765 1805632

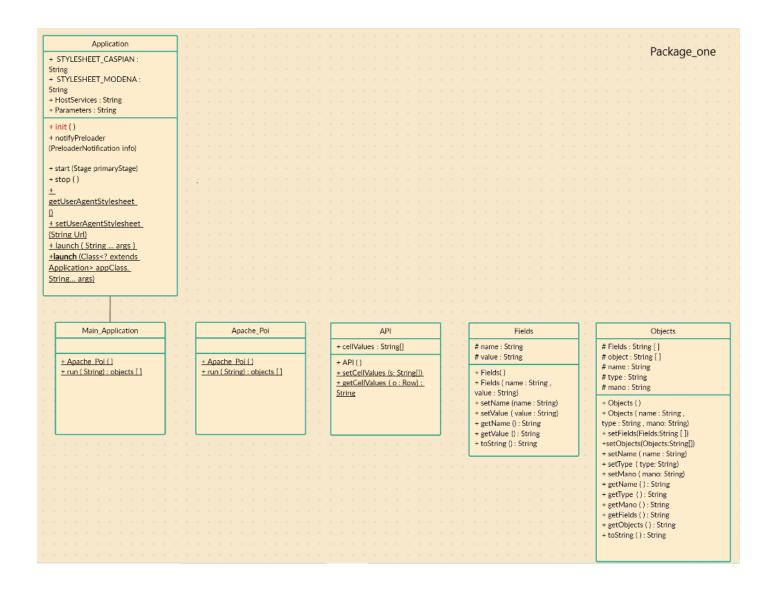
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1- Video link:

https://drive.google.com/file/d/1hkz72W1fj1HNaC_n9cWMGJPXdD YH6Y6/view?usp=sharing



2- UML Diagram:





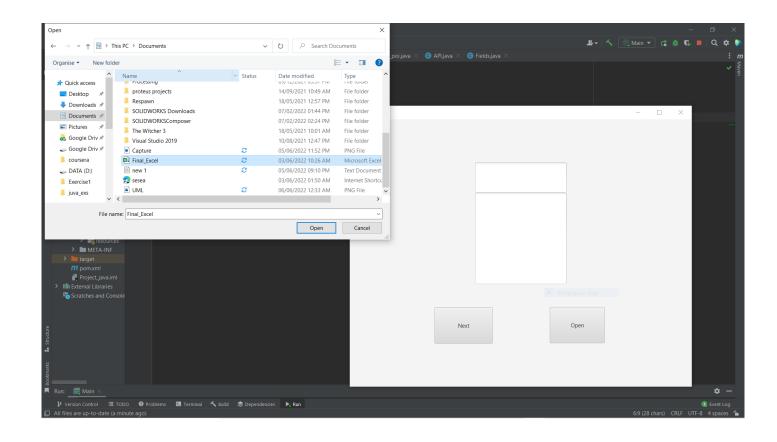
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3- screen shots for excel sheet:

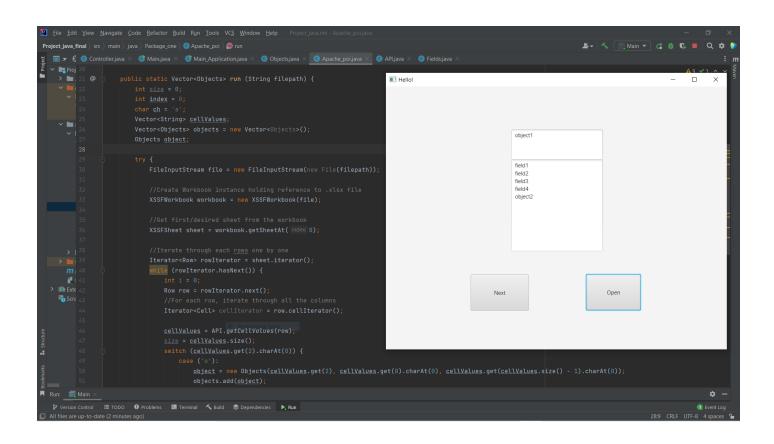
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1	I/O	Field Name	Туре	Allowed Values	Mandatory
2	I	/object1	object1		Υ
3	I	/object1/field1	string		Y
4	I	/object1/field2	string		Y
5	1	/object1/field3	string		Υ
6	I	/object1/field4	string		N
7	1	/object1/object2	object2		Y
8	I	/object1/object2/field5	string	1,2,3	N
9	1	/object1/object2/field6	string	Y,N	N
10	1	/object1/object2/field7	string		N
11	I	/object1/object2/field8	string		N
12	1	/object1/object2/field9	string		N
13	I	/object1/object2/field10	string		Y
14	1	/object1/object2/field11	string	0,1	Y
15	О	/object3	object3		Y
16	О	/object3/field12	string		Y
17	О	/object3/object4	object4		Y
18	О	/object3/object4/field13	string		Y
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22					

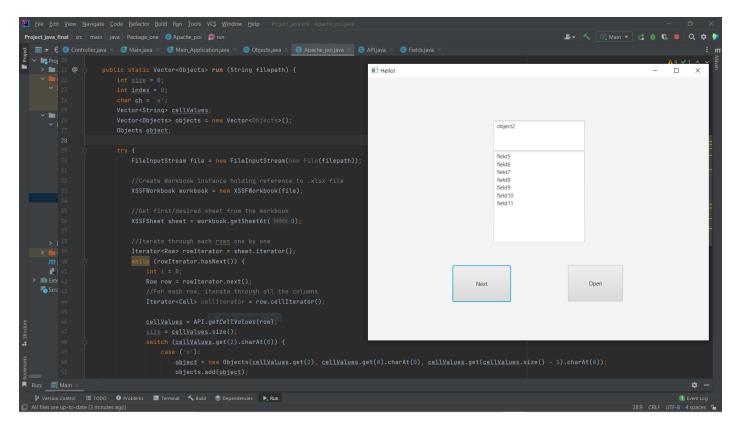
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4- screen shots for the output of testing the program:

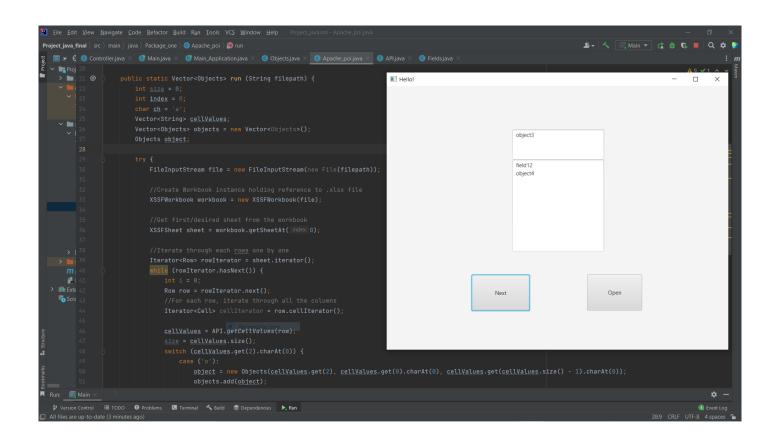


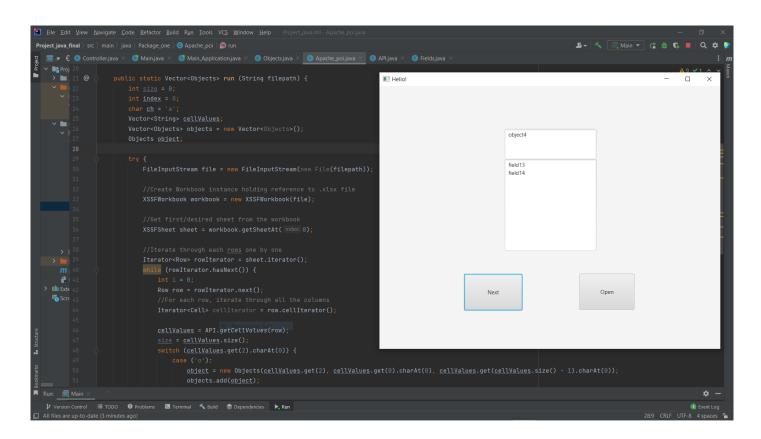






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