r. No	Lab Id	Lab Name	Number of experiments	Client side Dependencies	Sources status	Integration Level	Current Status of labs				
					Partially Available (.fla files are not Available for last 5						
1	CSE01	Data Structures	9	Adobe flash plugin	experiments)	0					
		Computer					Responsive labs if hosted on AWS, Hosted with 9 expts,				
2	CSE02	Programming	10	Icedtea plugin,JRE (1.7.0-65)	Available	6	Masked 1 expt				
,	COPII	Computer		V (170 (5) V IV N : FI I	Partially Available (need .fla for 1,2 & the last experiment.)		Masked 2 experiments and moved the lab to level 6 with updated				
3	CSE11	Organization	9	Java(1.7.0-65),Icedtea Plugin, Flash	for 1,2 & the last experiment.)	6	makefile				
4	CSE04	Problem Solving	10	None	Available	6					
5	CSE07	Databases	10	None	Available	4					
6	CSE15	Digital Logic Design	10	icedtea plugin,Java (1.7.0-65)	Available	6					
7	CSE19	Image Processing	11	None	Available	6					
8	CSE18	Computer Graphics	11	Java(1.7.0-65),Icedtea Plugin	Available	6					
0	CCE20	D. (1)	0	L (170 (5) L k Pl (5)	Not Available (Need .java for	0					
9	CSE20	Pattern Recognition	8	Java(1.7.0-65),Icedtea Plugin	all the experiments.)	0					
10	CSE06	Data Mining	11	None	Available	4					
10	CSEU0	Data Wilning	11	None	Avanable	4					
	CCE20	G	10	M	A . 11.11.						
11	CSE29	Cryptography	10	None	Available	6					
		Artificial Neural									
12	CSE22	Networks	10	Java(1.7.0-65),Icedtea Plugin	Available	6					
13	CSE14	VLSI	10	Java, WaveForm	Available	6					
		Basic Engineering Mechanics and		Java(1.7.0-65),Icedtea Plugin (1.7.65),	Partially Available (Need fla for 4th experiment and .java for						
14	EERC01	Strength of Materials	10	Java3D(1.5.2), Flash	9th experiment)	6					
15	EERC03	Hydraulics and Fluid Mechanics	10	Java(1.7.0-65),Icedtea Plugin (1.7.65), Java3D(1.5.2), Flash	Available	6					
	LLRCOS		.0	va. 14.2 (1.2.2), 1 14311		Ů					
							Masked the last two experiment				
16	CCNSB06	Physical Chemistry	10	Adobe Flash Plugin and Java(1.6),Java3D(1.5.2) and Flash	Partially Available	6	Masked the last two experiment and moved the lab to level 6 with updated makefile				
					<u> </u>						
17	CSE24	Natural Language Processing	10	none	Available	6	Moved from 2nd Set of labs				
	EERC04	Basic Structural									
18	LLICO4	Analysis	10	Java 3D, Flash, Java and IcedTea plugin	Available	6	Moved from 2nd Set of labs				

8	CSE09	Linux Lab	9	None	Available	4						
				java (1.6.0-65), OpenJDK Runtime Environme	nt Not Available (Need java for							
20	EMT	EM Theory	10	(IcedTea 2.5.3), Java 3D (1.5.2)	all the experiments.)	0						
Cou	nt for 2	and set of la	bs: T	otal labs: 16, Sources	Available: 8, Pa	rtially	Available: 3, Not	t Availab	le: 5			
				,	,		,					
1	PHY14	Physical Sciences	9	Java, Java3D 1.5.2 and Flash	Partially Available (Need Java files for 6 exprts)	0						
2	CCNSB02	Colloid and Surface Chemistry	9	Adobe Flash Plugin	Partially Available (.fla files are not available for 1,2,3,5,6,8,9 experiments)							
3	CCNSB03	Molecular Absorption Spectroscopy	10	Adobe Flash Plugin	Available	6						
4	CCNSB07	Molecular Interactions	11	Java 3D, Java, IcedTea Plugin	Not Available (require .java files for all the experiments.)	0						
_	CC.10B07		-11		and the experiments.	, , , , , , , , , , , , , , , , , , ,						
5	EERC05	Geotechnical Engineering Lab	9	Flash Plugin,IcedTea plugin and java 3D	Not Available	0						
6	CSE23	Computational Linguistics	9	none	Available	6						
7	EERC06	Structural Dynamics	10	Java 3D, Flash, Java and IcedTea plugin	Available (Need to test src)	6						
	EERCOO				Transite (rect to test sie)							
8	EERC02	Soil Mechanics and Foundation Engineering	10	Java 3D, Flash, Java and IcedTea plugin	Available (need to test the source files)	2	Moved from 2nd Set of labs					
9	CCNSB01	Molecular Florescence Spectroscopy	10	Adobe Flash Plugin	Available	6						
10	CCNSB04	Quantum Chemistry	10	Java and icedtea plugin	Not Available	0						
11	CCNSB05	Circular Dichronism Spectroscopy	10	Adobe Flash Plugin, Java Icedtea Plugin	Partially Available (Require java for 3, 4, 8 experiments & .fla for 1, 6, 7 experiments.)							
12	CSE05	Principles of Programming Languages	9	None	Available	4						
13	CSE30	Analog CMOS VLSI Circuit Design	9	Java and IcedTea plugin	Available	6						
14	CSE17	Mobile Robotics	10	Java & Iced-tea plugin	Not Available	0						
15	CSE21	Optical Remote Sensing	8	flash, Java, Java 3D	Not Available	0						
16	CSE16	Speech Signal Processing	10	Java Plugin 1.7.0_79,icedtea plugin	Available	6						

												_										
S.No	Lab Id	Lab Name	List of Experiments	Client side Dependencies	.java	.class	.jar	.jnlp	swf	.fla	.js	.py	.php	.e	,m	Source code required or not (Yes/?	Sources at?? No) (Bitbucket/Container)	Status				
1		Data Structures	1. Number systems	adobe flash plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Avaialble	Available	Avaialble	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required fla)	Sources (fla files for all the experiments) ar not available in bifbucket and in container.					
			2. Expression Evaluation using Stack	adobe flash plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Avaialble	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .fla)						
			3. sorting using arrays	adobe flash plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Avaialble	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .fla)						
			4. Polynomials via Linked Lists	adobe flash plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Avaialble	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .fla)						
			5. Expression Trees	adobe flash plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Avaialble	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .fla)						
_			6. Search Trees	adobe flash plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Avaialble	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .fla)						
-			7. Graph Traversals	adobe flash plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Avaialble	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required fla)			 	\vdash	\rightarrow	-
-			Shortest Path Trees Minimum Spanning Trees	adobe flash plugin adobe flash plugin	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Avaialble Avaialble	Not Available Not Available	Available	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	YES (Required .fla) YES (Required .fla)			 -	-	\rightarrow	
-			9. Minimum Spanning Trees	adobe Hash prugin	Not Applicable	Not Applicable	Not Applicable	Not Applicante	Avaiante	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicante	YES (Required IIa)				\vdash	_	
	cerea	Computer Programming	1. Expression Evaluation	Icedtea plugin,JRE (1.7.0-65)	Available	Available	Available	Not Available	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	NO.	Sources are available for all the experiments	Hosted with responsive design, Masked 1 expt bez of some issue				
2	CSE02	Computer Programming	2. Basic Control Flow	Icediea plugin,JRE (1.7.0-65)	Available	Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO NO	sources are available for all the experiments	Masked 1 exprisez or some issue		-	-	
			3. Advanced Control Flow	Icedtea plugin,JRE (1.7.0-65)	Available	Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO.						
			4. Arrays	Icedtea plugin,JRE (1.7.0-65)	Available	Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			5. Functions	Icedtea plugin,JRE (1.7.0-65)	Available	Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			6. Recursion	Icedtea plugin,JRE (1.7.0-65)	Available	Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			7. Structures	Icedtea plugin,JRE (1.7.0-65)	Available	Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Available	Not Applicable	NO						
			8. Strings	Icedtea plugin, IRE (1.7.0-65)	Available	Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Available	Not Applicable	NO				-		
-			9. Pointers	Icedtea plugin,JRE (1.7.0-65)	Available	Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Available	Not Applicable	NO				-		
			10. Numerical Approximation	Icedtea plugin,JRE (1.7.0-65)	Available	Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Available	Not Applicable	NO			 -	-	-	
			1. Representation of Integers and their														Sources (java for 3rd experiment & fla for 2,3, & 9 experiments.) are not available in bitbucket and in container.					
3	CSE11	Computer Organization	Arithmetic	Java(1.7.0-65),Icedtea Plugin, Flash	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .fla)	bitbucket and in container.			-		
			Representation of Floating Point Numbers and their Arithmetic	Java(1.7.0-65),Icedtea Plugin, Flash	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .fla)						
			3. Cache Organizations	Java(1.7.0-65),Icedtea Plugin, Flash	Not Available	Available	Not Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .java)						
			4. Virtual Memory	Java(1.7.0-65),Icedtea Plugin, Flash	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO				-	\rightarrow	
			5. MIPS Assembly Language Programming - 1	Java(1.7.0-65),Icedtea Plugin, Flash	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			6. MIPS Assembly Language	Java(1.7.0-65),Icedtea Plugin, Flash	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
\rightarrow			Programming - 1 6. MIPS Assembly Language Programming - 2 7. ARM Assembly Language Programming - 1																		\rightarrow	
-			Programming - 1	Java(1.7.0-65),Icedtea Plugin, Flash	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO			 	\vdash	\rightarrow	
			8. ARM Assembly Language Programming - 2	Java(1.7.0-65),Icedtea Plugin, Flash	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			9. Single Cycle MIPS CPU	Adobe Flash	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .fla)				-		
-					-		-													\vdash		
4	CSE04	Problem Solving	Numerical Representation	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Available	Not Applicable	NO	Sources are available for all the experiments				-	-
			Beauty of Numbers	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Available	Not Applicable	NO						
			More on Numbers	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Available	Not Applicable	NO				\Box		
			Factorials	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Available	Not Applicable	NO			 -	-		
			String Operations	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Available	Not Applicable	NO			 			
\rightarrow			Recursion	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Available	Not Applicable	NO NO			 	-		
-			Advanced Arithmatic Searching and Sorting	None None	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available Available	Available Available	Available Available	Available Available	Not Applicable Not Applicable	NO NO			 +	-	\rightarrow	-+
-		1	Searching and Sorting Permutation	None None	Not Applicable Not Applicable	Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available	Available	Available	Available	Not Applicable Not Applicable	NO NO					\rightarrow	
\rightarrow			Sequences	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Available	Not Applicable	NO NO					-	
	cer	Posterior	PR Mr. 6-1		No. 1. 17 11	No. 1 T. 1	No. 1 C. C.	No. 1	No. to 11	No. 4		No. 1 C. C.	No. 1 C. C.	No. 1	No. 4		C		 	-	_	
3	CSE07	LAMBBASES	ER Model Enhanced ER Model	None None	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO	Sources are available for all the experiments		 -	-	\rightarrow	
-			Relational Model	None None	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO				-		
			1st Normal Form	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO NO					-	
			2nd Normal Form	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			3rd Normal Form	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			Boyce Codd Normal Form	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			SQL 1	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			SQL 2	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO NO				-		
_			SQL 3	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO			 	-	_	
																				-	-	
6	CSE15	Digital Logic Design	Adder Circuit	icedtea plugin,Java (1.7.0-65)	Available	Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO	Sources are available for all the experiments					
			Multiplexer	icedtea plugin,Java (1.7.0-65)	Available	Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			Decoder with 7-Segment Display	icedtea plugin,Java (1.7.0-65)	Available	Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
_			ALU with function	icedtea plugin,Java (1.7.0-65)	Available	Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO				-		
_			Comparator	icedtea plugin,Java (1.7.0-65)	Available	Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO			 	\vdash		
-			Latch and Flip Flops	icedtea plugin,Java (1.7.0-65)	Available	Available	Available	Available	Not Applicable	Not Applicable	Available Available	Not Applicable	Available	Not Applicable	Not Applicable	NO NO			 	\leftarrow		
			Registers Counters	icedtea plugin,Java (1.7.0-65) icedtea plugin,Java (1.7.0-65)	Available Available	Available	Available	Available	Not Applicable Not Applicable	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO				\vdash	_	
			Multipliers	icedtea plugin,Java (1.7.0-65)	Available	Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO.				\vdash	-	
			State Digrams	icedtea plugin,Java (1.7.0-65)	Available	Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
7	CELTO	Image Processing	Distance and Connectivity	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO NO	Sources are available for all the experiments		 	\vdash		
/	CSE19	image Processing	Distance and Connectivity Image Arithmetic	None None	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO	sources are available for all the experiments			-		
			Affine Transformation	None None	Not Applicable Not Applicable	Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO					-	
			Point Operations	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			Neighbourhood Operations	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			Image Histogram	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO				-		
_			Fourier Transform	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO NO				-		
-			Color Image Processing Morphological Operations	None None	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	NO MO			 	-	-	
-		1	Image Segmentation	None None	Not Applicable	Not Applicable	Not Applicable Not Applicable	Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO					\rightarrow	
\rightarrow			Image Processing Test Bench	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
						.,			.,						.,						\rightarrow	
8	CSF19	Computer Graphics	Points and Co-ordinate Systems	Java(1.7.0-65),Icedtea Plugin	Available	Available	Available	Not Applicable	Not Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO.	Sources are available for all the experiments		-	-	-	
-			Transformations: Translation	Java(1.7.0-65),Icedtea Plugin	Available	Available	Available	Not Applicable	Not Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO	and the same experiments				-	
			Transformations: Rotation	Java(1.7.0-65),Icedtea Plugin	Available	Available	Available	Not Applicable	Not Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			Transformations: Scaling	Java(1.7.0-65),Icedtea Plugin	Available	Available	Available	Not Applicable	Not Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			Hierarchical Transformations: 2D Demo Hierarchical Transformations: 3D	Java(1.7.0-65),Icedtea Plugin	Available	Available	Available	Not Applicable	Not Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO			 	-	-	
_			Articulated Arm	Java(1.7.0-65),Icedtea Plugin	Available	Available	Available	Not Applicable	Not Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			Projections and Cameras	Java(1.7.0-65),Icedtea Plugin	Available	Available	Available	Not Applicable	Not Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			Clipping: Line	Java(1.7.0-65),Icedtea Plugin	Available	Available	Available	Not Applicable	Not Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO			 			
_			Clipping: Polygon	Java(1.7.0-65),Icedtea Plugin	Available	Available	Available	Not Applicable	Not Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO			 	\vdash	\rightarrow	
-		-	Rasterization: Line	Java(1.7.0-65),Icedtea Plugin	Available Available	Available	Available Available	Not Applicable	Not Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO NO			 	-		
-			Rasterization: Polygon	Java(1.7.0-65),Icedtea Plugin	Available	Available	Available	Not Applicable	Not Available	Not Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO				-		
9	CSE20	Pattern Recognition	Feature Representation	Java(1.7.0-65),Icedtea Plugin	Not Available	Not Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)	Sources (.java for all the experiments) are no available in bitbucket and in container.					
			Mean and Covariance	Java(1.7.0-65),Icedtea Plugin	Not Available	Not Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)						
			Linear Perceptron Learning	Java(1.7.0-65),Icedtea Plugin	Not Available	Not Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)						
			Generation of Random Variables	Java(1.7.0-65),Icedtea Plugin	Not Available	Not Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)						
			Bayesian Classification	Java(1.7.0-65),Icedtea Plugin	Not Available	Not Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)				-		
			MLE: Learning the classifier from data	Java(1.7.0-65),Icedtea Plugin	Not Available	Not Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)				-		
			From 2-class to multiclass Data Clustering: K-Means, MST-based	Java(1.7.0-65),Icedtea Plugin	Not Available	Not Available	Available	Available	Not Applicable	Not Applicable	Available Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)			 	\vdash	\rightarrow	
			sound Crimicing. K-Means, MS1-based	Java(1.7.0-65),Icedtea Plugin	Not Available	Not Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)			-	-	-	
										Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO	Sources are available for all the experiments					
10	CSE06	Data Mining	Apriori (An association rule mining algorithm)	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable									CAPATHICAS					-
10	CSE06	Data Mining	algorithm)	None	Not Applicable	Not Applicable			Not Applicable										-	\vdash	-	
10	CSE06	Data Mining	Apriori (An association rule mining algorithm) Sampling (An association rule mining algorithm) Partition (An association rule mining	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
10	CSE06	Data Mining	afgorithm) Sampling (An association rule mining algorithm) Partition (An association rule mining algorithm)				Not Applicable				Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO						
10	CSE06	Data Mining	algorithm) Sampling (An association rule mining algorithm) Partition (An association rule mining algorithm) Comparison of Association Rule Mining	None None	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable		Not Applicable	Not Applicable	Not Applicable	Not Applicable										
10	CSE06	Data Mining	algorithm) Sampling (An association rule mining algorithm) Partition (An association rule mining algorithm) Comparison of Association Rule Mining Algorithm Logarithm	None None None	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO						
10	CSE06	Data Mining	algorithm) Sampling (An association rule mining algorithm) Partition (An association rule mining algorithm) Comparison of Association Rule Mining Algorithm Logarithm	None None None None	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable	Available Available Available	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	NO NO NO						
10	CSE06	Data Mining	algorithm) Sampling (An association rule mining algorithm) Partition (An association rule mining algorithm) Partition (An association rule mining algorithm) Comparison of Association Rule Mining Algorithms L-Means (A partitioning clustering algorithm) Agglomerative Clustering (A hierachial	None None None	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO						
10	CSE06	Data Mining	algorithm) Sampling (An association rule mining algorithm) Partition (An association rule mining algorithm) Partition (An association rule mining algorithm) Comparison of Association Rule Mining Algorithms Algorithms Algorithms Algorithms Agalomicarities Clustering algorithm) DESCAN (A dessiry-based clustering algorithm) DESCAN (A dessiry-based clustering	None None None None	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable	Available Available Available	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	NO NO NO						
10	CSE06	Data Mining	algorithm) Sampling (An association rule mining algorithm) Partition (An association rule mining algorithm) Partition (An association rule mining algorithm) Comparison of Association Rule Mining Algorithms L-Means (A partitioning clustering algorithm) Agglomerative Clustering (A hierachial	None None None None None None None	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable	Available Available Available Available Available	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	NO NO NO NO						
10	CSE06	Data Mining	algorithm) Sampling (An association rule mining algorithm) Partition (An association rule mining algorithm) Partition (An association rule mining algorithm) Comparison of Association Rule Mining Algorithms Algorithms Algorithms Algorithms Agalomicarities Clustering algorithm) DESCAN (A dessiry-based clustering algorithm) DESCAN (A dessiry-based clustering	None None None None None	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Available Available Available Available	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable	NO NO NO						

S.No Lab Id																					
	d Lab Name	List of Experiments	Client side Dependencies	.java	.class	.jar	jnlp	.swf	.fla	.js	.py	.php	.e	.ms	Source code required or not (Yes/No)	sources at?? (Bitbucket/Container)	Status				
11 CSE20							- ' '									,					
03629	9 Cryptography	Breaking the Shift Cipher Breaking the Mono-alphabetic	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO	Sources are available for all the experiments			_		
		Substitution Cipher	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
		One-Time Pad and Perfect Secrecy	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
		Message Authentication Codes Cryptographic Hash Functions and	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO				_	\perp	
			None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
		Symmetric Key Encryption Standards (DES)	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
		(DES) Symmetric Key Encryption Standards (AES)			Not Applicable			Not Applicable													
		(AES) Diffie-Hellman Key Establishment	None None	Not Applicable		Not Applicable Not Applicable	Not Applicable Not Applicable		Not Applicable	Available Available	Not Applicable Not Applicable	Available Available	Not Applicable	Not Applicable	NO NO				_	\longrightarrow	
		Public-Key Cryptosystems (PKCSv1.5)	None None	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO				_	-	
		Digital Signatures	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO NO				_	-	
		Dignar Signatures	- New C	тих хрупкани.	TOT Applicable	- No Applicance	тол гарписание	THE Applicance	Ten Approxime	Available	тел герриканы	Available	Not Applicable	тол гарпияни	100					_	
		Parallel and distributed processing - I: Interactive activation and competition models																			
12 CSE22	2 Artificial Neural Networks	models	Java(1.7.0-65),Icedtea Plugin	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO	Sources are available for all the experiments					
		Parallel and distributed processing - II: Constraint satisfaction neural network models		Available			Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			Java(1.7.0-65),Icedtea Plugin None	Not Applicable	Available Not Applicable	Available	Not Applicable	Not Applicable Not Applicable		Available	Not Applicable Not Applicable	Not Applicable Available	Not Applicable Not Applicable	Not Applicable Available	NO NO				_		
		Perceptron learning Multilayer feedforward neural networks	None None	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Available	Not Applicable	Available	NO NO				_	-	
		Hopfield model for pattern storage task	Java(1.7.0-65) Jeedtea Plugin	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO NO				_	-	
		Hopfield model with stochastic update	Java(1.7.0-65),Icedtea Plugin	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO NO					_	
		Competitive learning neural networks for nattern clustering	None	Not Applicable	Not Applicable	Nor Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Available	NO						
		Solution to travelling salesman problem	None																_	-	
		using self organizing maps	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Available	NO						
		Solution to travelling salesman problem using self organizing maps Solution to optimization problems using Hopfield models	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Available	NO						
		Deterministic, stochastic and mean-field annealing of an Hopfield model	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Available	NO						
		Schematic Design Of Transistor Level																+	_	+	
13 CSE14	4 VLSI	Inverter Schematic Design Of Transistor Level	Java, WaveForm	Available	Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO	Sources are available for all the experiments			-	\perp	
		NAND & NOR Gate	Java, WaveForm	Available	Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
		Schematic Design Of Transistor Level	Java, WaveForm	Available	Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
		XOR & XNOR Gate Schematic Design Of Pass Transistor Logic & Multiplexer																_		+	
	-	Logic & Multiplexer Delay Estimation In Chain Of Inverters	Java, WaveForm Java, WaveForm	Available Available	Available Available	Available Available	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO			+	+	+	
_		Delay Estimation In Chain Of Inverters Schematic Design Of D-Latch and D- Flip Flop																+	_	+	
		Flip Flop	Java, WaveForm	Available	Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO				-	\vdash	
$\overline{}$		Spice Code Platform	Java, WaveForm	Available	Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO NO			+	-	\rightarrow	
$\overline{}$	-	Design Of D-Flip Flop Using Verilog	Java, WaveForm None	Available Not Applicable	Available Not Applicable	Available Not Applicable	Available Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO			+	+	++	
		Design Of Digital Circuits Using Verilog	Java, WaveForm	Not Applicable Available	Not Applicable Available	Available	Available	Not Applicable Not Applicable		Available Available		Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO			+	_	+	
		Layout Design	zara, waveroun	Available	Available	Available	Available	ann appalleasse	Not Applicable	Available	Not Applicable	Availanc	тол гаррисание	тол гарисине	NO					+	
																				\perp	
	Basic Engineering Mechani and		Java(1.7.0-65), Icedtea Plugin (1.7.65),													Sources (.fla for 4th experiment & .java for the last experiment) are not available in bitbucket and in container.					
14 EERCO	01 Strength of Materials	Tensile Test Experiment	Java3D(1.5.2). Flash	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES	bitbucket and in container.			-	\vdash	
		Compression Test Experiment	Java(1.7.0-65), Icedtea Plugin (1.7.65), Java3D(1.5.2), Flash	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
		Shear Test Experiment	Java(1.7.0-65), Icedtea Plugin (1.7.65), Java3D(1.5.2), Flash	Available	Avgiloble	Available	Available	Available	Available	Appliable	Not Applicable	Available	Not Applicable	Not Applicable	YES			T			
		Silear Test Experiment	Java(1.7.0-65), Icedtea Plugin (1.7.65),	Available	Available	Available	Available	Available	Available	Available	но дррисание	Available	Not Applicable	Not Applicante	163				_	-	
		Torsion Test Experiment		Available	Available	Available	Available	Available	(.avi is available)	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .fla)						
		Impact Test Experiment	Java(1.7.0-65), loedtea Plugin (1.7.65), Java3D(1.5.2), Flash	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
			Java(1.7.0-65), Icedtea Plugin (1.7.65), Java3D(1.5.2), Flash																		
	-	Creep Test Experiment	Java3D(1.5.2), Flash Java(1.7.0-65), Icedten Phroin (1.7.45)	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES			+	-	+	
		Fatigue Test Experiment	Java(1.7.0-65), Icedtea Plugin (1.7.65), Java3D(1.5.2), Flash	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
		Compression Test on Spring Experiment	Java(1.7.0-65), leedtea Plugin (1.7.65), Java(1.7.0-65), leedtea Plugin (1.7.65), Java(1.7.0-65), leedtea Plugin (1.7.65), Java(1.7.0-65), leedtea Plugin (1.7.65),	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
			Java(1.7.0-65), Icedtea Plugin (1.7.65),	Available	Assellable	A constitution	Available	Available	Available	Available		Assellable									
		Principal Stresses Experiment	Java(1.7.0-65), Icedtea Plugin (1.7.65), Java3D(1.5.2), Flash	Available	Avanatoe	Available	Available	Available	Availance	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES				_	-	
		Rockwell Hardness Experiment	Java3D(1.5.2), Fläsh	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .java.)						
																			_	-	
15 EERCO	Hydraulies and Fluid Mechanics	Bernoulli's Experiment	Java(1.7.0-65), Icedtea Plugin (1.7.65), Java3D(1.5.2), Flash	Available	Available	Available	Assilable	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO	Sources are available for all the experiments					
13 EERCO	35 MICCHAINES		Java(1.7.0-65), Icedtea Plugin (1.7.65), Java3D(1.5.2), Flash		Available	Availance	Available		Availance							Sources are available for all the experiments			_	-	
		Venturi Meter Experiment	Java3D(1.5.2), Flash	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
		Orifices Experiment	Java(1.7.0-65), Icedtea Plugin (1.7.65), Java3D(1.5.2), Flash	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
		Mouthpieces Experiment	Java(1.7.0-65), Icedtea Plugin (1.7.65), Java(1.7.0-65), Icedtea Plugin (1.7.65), Java(1.7.0-65), Icedtea Plugin (1.7.65),	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			Java(1.7.0-65), Icedtea Plugin (1.7.65),		ATEMAN.	Available														_	
		Weirs Experiment	Java3D(1.5.2), Flash Java(1.7.0-65), Jeedtea Plugin (1.7.65), Java3D(1.5.2), Flash	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
		Channels Experiment	Java3D(1.5.2), Flash	Available	Available	Available	Available	Available	Available	Available				Not Applicable	NO				_		
		Reynold's Experiment	Java(1.7.0-65), Icedtea Plugin (1.7.65), Java3D(1.5.2), Flash						Availance		Not Applicable	Available	Not Applicable								
		Vortices's Experiment			Available	Available	Available		Available					Not Applicable	NO NO			-		-	
			Java(1.7.0-65) Icedtea Plugin (1.7.65).	Available			Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable							
			Java(1.7.0-65), Icedtea Plugin (1.7.65),	Available	Available	Available	Available	Available Available	Available Available	Available Available	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable	NO						
		Jets Experiment	Java(1.7.0-65), Icedtea Plugin (1.7.65),	Available				Available	Available	Available	Not Applicable	Available	Not Applicable								
			Java(1.7.0-65), Icedtea Plugin (1.7.65),	Available	Available	Available	Available	Available Available	Available Available	Available Available	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable	NO						
		Jets Experiment	Java(1.7.0-65) Icedtea Plugin (1.7.65).	Available	Available Available	Available	Available Available	Available Available Available	Available Available	Available Available	Not Applicable Not Applicable Not Applicable	Available Available Available	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO						
		Jets Experiment Turbines Experiment	Java(1.7.0-65), Icedtea Plugin (1.7.65),	Available	Available Available	Available	Available Available	Available Available Available	Available Available	Available Available	Not Applicable Not Applicable Not Applicable	Available Available Available	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO	Sources(that for all the experiments review					
		Jets Experiment Turbines Experiment	Java(1.7.0-65), leedtee Plugin (1.7.65), JavaSD(1.5.2), Flash Java(1.7.0-65), leedtee Plugin (1.7.65), JavaSD(1.5.2), Flash Java(1.7.0-65), leedtee Plugin (1.7.65), JavaSD(1.5.2), Flash	Available Available Available Available	Available Available	Available Available Available	Available Available Available	Available Available Available Available	Available Available Available Available	Available Available Available	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Available Available Available Available	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	NO NO	Sources (if a for all the experiments except for 1st experiment & juva for 7th & 8th					
16 CCNSB0	906 Physical Chemistry	Jets Experiment Turbines Experiment Instrumentation and working principles of infra red (IR) spectroscopy using salt	Java(1.7.0-65), Icedtea Plugin (1.7.65),	Available	Available Available	Available	Available Available	Available Available Available	Available Available	Available Available	Not Applicable Not Applicable Not Applicable	Available Available Available	Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO	Sourcest (fla for all the experiments except the experiments except the experiment of the experiments of the experiments except the except the experiments except the except the experiments except the experiments except the e					
16 CCNSBG	06 Physical Chemistry	Jets Experiment Turbines Experiment Instrumentation and working principles of inflat and (IR) spectroscopy using salf plates. Instrumentation and working principles of solutions in the del (IR) secretoises of solutions in the del (IR) secretoises.	Javu (170-65), leechter Plugin (1765), Java33(1) (5.2), Flash Javu (170-65), leechter Plugin (1765), Java31(15.2), Flash Javu (170-65), leechter Plugin (1765), Java30(15.2), Flash Adobe Flash Plugin	Available Available Available Available	Available Available Available	Available Available Available	Available Available Available	Available Available Available Available	Available Available Available Available	Available Available Available	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Available Available Available Available	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Not Applicable Not Applicable	NO NO NO	Sources (the fee all the experiments except for its experiment. Its row available in bloucker and its container.					
16 CCNSBG	006 Physical Chemistry	Jets Experiment Turbines Experiment Instrumentation and working principles of inflat and (IR) spectroscopy using salf plates. Instrumentation and working principles of solutions in the del (IR) secretoises of solutions in the del (IR) secretoises.	Javal (7.0-65), leedner Plugin (1.7-65), Javal JUL (5.1), Flash Javal (7.0-65), leedner Plugin (1.7-65), Javal (7.0-65), leedner Plugin (1.7-65), Javal (7.0-65), leedner Plugin (1.7-65), Javal (7.0-65), leedner Plugin Adobe Flash Plugin	Available Available Available Available Available Not Apllicable Not Apllicable	Available Available Available Not Applicable Not Applicable	Available Available Available Not Applicable Not Applicable	Available Available Available Not Applicable Not Applicable	Available Available Available Available Available Available Available	Available Available Available Available Available Available Not Available	Available Available Available Available Available	Not Applicable	Available Available Available Available Available Available Available	Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	NO NO NO NO YES (Required fla)	Source (the fe all the experiment except for let experiment it, just for 70.6. With experiment, just not available in bibusket and it committee.					
16 CCNSB0	06 Physical Chemistry	Jets Experiment Turbines Experiment Instrumentation and working principles of infla red (IR) specimosopy using salt inflated in the continuous principles of solutions in lart red (IR) specimosopy in the continuous continuous and working principles for solutions in lart red (IR) specimosopy lastrumentation and working principles of mass specimosopy.	Javat J. O. 465) lechte Plügin (17.65), Java 2012; S., Fitash Javat J. C. S., Fitash Javat J. O. 465) lechte Plügin (17.65), Javat J. O. 465) lechte Plügin (17.65), Javat J. S., Fitash Javat J. S., Fitash Javat J. S., Fitash Adobe Fitash Plügin Adobe Fitash Plügin Adobe Fitash Plügin	Available Available Available Available Available Not Apllicable Not Apllicable Not Apllicable	Available Available Available Available Not Applicable Not Applicable Not Applicable	Available Available Available Available Not Applicable Not Applicable Not Applicable	Available Available Available Not Applicable Not Applicable Not Applicable	Available Available Available Available Available Available Available Not Available	Available Available Available Available Available Available Not Available Not Available	Available Available Available Available Available Available Not Available	Nor Applicable	Available Available Available Available Available Available Available Available Available	Not Applicable	Not Applicable	NO NO NO NO YES (Required fla) YES (Required fla)	Sources (the fee all the experiments except the experiment, aure not available in behaulet and in commerce.					
16 CCNSB(06 Physical Chemistry	Jets Experiment Turbines Experiment Instrumentation and working principles of infla red (IR) specimosopy using salt inflated in the continuous principles of solutions in lart red (IR) specimosopy in the continuous continuous and working principles for solutions in lart red (IR) specimosopy lastrumentation and working principles of mass specimosopy.	Javal (7.0-65), leedner Plugin (1.7-65), Javal 201(5.), Flash Javal (7.0-65), leedner Plugin (1.7-65), Javal (7.0-65), leedner Plugin (1.7-65), Javal (7.0-65), leedner Plugin (1.7-65), Javal (7.0-65), leedner Plugin (1.7-65), Adobe Flash Plugin Adobe Flash Plugin	Available Available Available Available Available Not Apllicable Not Apllicable	Available Available Available Not Applicable Not Applicable	Available Available Available Not Applicable Not Applicable	Available Available Available Not Applicable Not Applicable	Available Available Available Available Available Available Available	Available Available Available Available Available Available Not Available	Available Available Available Available Available	Not Applicable	Available Available Available Available Available Available Available	Not Applicable	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	NO NO NO NO YES (Required fla)	Sources t the for all the experiments except for its experiment. It was for 70.4 with experiment. Just its exception to the experiment. Just its exception to behavior to the experiment.					
16 CCNSB(Physical Chemistry	Jets Experiment Turbines Experiment Instrumentation and working principles plates. Let (IR) specimosopy using air plates. Let (IR) specimosopy or for solutions in all not (IR) specimosopy complete of solutions in all not (IR) specimosopy. Determination of moli mass of simple compounds using mass specimosopy. Newforth regarders from the complete compounds using mass specimosopy. Newforth regarders resource precincipal.	Javat J. J. 645) Jeckels Pluggin (J. 465), Javat J. L. 23, Fisch Javat J. 23, Fisch Javat J. 24, Fisch Javat	Available Available Available Available Available Available Not Apilicable Not Apilicable Not Apilicable Not Apilicable	Available Available Available Available Not Applicable Not Applicable Not Applicable Not Applicable	Available Available Available Available Not Applicable Not Applicable Not Applicable Not Applicable	Available Available Available Available Not Applicable Not Applicable Not Applicable Not Applicable	Available	Available Available Available Available Available Available Not Available Not Available Not Available	Available Available Available Available Available Available Available Available Available	Not Applicable	Available	Not Applicable	Not Applicable	NO NO NO NO YES (Required fla) YES (Required fla) YES (Required fla)	Source (It for all the experiment except experiment) are an exaltable in indicate and in consister.					
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17 PHY14	4 Physical Sciences	Jon Experiment Turbuses Turbuses Experiment Turbuses Turbus	Javas J. To Schi Kordus Pragas (17.86). And C. Schi Kordus Pragas (17.86). And C. Schi Kordus Pragas (18.86). And C. Schi Kordus Pragas (18.86). Adder Flash Pragin Javas (18.86). Adder Flash Pragin Javas (18.18). None None None None None None None	Available Available Available Available Available Available Available Available Not Apilicable Not Apilicable Not Apilicable Not Apilicable Not Apilicable Not Apilicable Not Available	Available	Available Available Available Available Available Not Applicable Available	Available Available Available Available Available Available Not Applicable Not Available Not Available	Available Availa	Available Available Available Available Available Available Available Available Not Applicable	Available Available Available Available Available Available Not Available Av	Nor. Applicable Nor. Applicabl	Available	Nor Applicable Nor Ap	Note Applicable Note A	NO NO NO NO NO NO NO NO NO YES (Required fla) YES (Required fla f. java) YES (Required fla) YES (Required java fla fla)	Sales () Jus. It is all the experiment and first tall two experiment) are not availed to it is the contract of the contract					
17 PHV14	4 Physical Sciences Principles of Programming August 19 Programmi	Jon Experiment Traffuses Traffu	Javas J. To Schi, Condum Pragas (17.86). Annual T. And Schicker Pragas (17.86). Annual T. And Schicker Pragas (17.86). Annual T. Annu	Available Available Available Available Available Available Available Available Available Nost Apilicable Nost Apilicable Nost Apilicable Nost Apilicable Nost Apilicable Nost Available Available Available Nost Available Nost Available	Available	Available Available Available Available Available Available Not Applicable Available	Available Available Available Available Available Available Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Available Not Available Not Available Avai	Available Availa	Available Available Available Available Available Available Available Available Not Applicable Not App	Available Available Available Available Available Available Not Available Av	Nex Applicable	Available	Nor Applicable	Not Applicable Not Ap	NO N	Sources (jars , this for all the experiments and for fast their experiments) are and the fast three experiments (jars and the source and th					
17 PHY14	4 Physical Sciences Principles of Programming August 19 Programmi	Intersections Tradeous Experiment Instrumentation and working principles and and red (13) age of the principles and and red (13) age of the principles to administration and working principles to administration and working principles to administration and working principles to administration and the principles to administration and the principles to administration and the principles to administration of mans spectroscopy to administration of the principle of election generated the principle of election generated and the principles of election that and the principles of election of the principles to administration of the principles of election of the pri	Javas J. To Schi, Scotlaw Pragas (1.7-86). Javas J. To Schi, Scotlaw Pragas (1.7-86). Annual T. J. Schi, Prash J. To J	Available Available Available Available Available Available Available Available Available Nost Apilicable Nost Available Nost Available Available Available Nost Available Nost Available Nost Available Nost Available Nost Available Availab	Available	Available Available Available Available Available Not Applicable Available	Available Available Available Available Available Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Available Not Available Not Available Not Available	Available Availa	Available Available Available Available Available Available Not Applicable	Available Availa	Nex Applicable	Available	Nor Applicable Nor Ap	Not Applicable	NO N	Sales () Jus. It is all the experiment and first tall two experiment) are not availed to it is the contract of the contract					
17 PHV14	4 Physical Sciences Principles of Programming August 19 Programmi	Jon Experiment Traffuses Experiment Traffuses Experiment International of survive principles and an off (10) questionary using the Johnston Committee of the Co	Javas J. To Schi Kordus Pragas (1.786). Adole Flash Pragis (1.786). Javas (1.786). None	Available Available Available Available Available Available Available Available Available Nost Apilicable Nost Apilicable Nost Apilicable Nost Apilicable Nost Apilicable Nost Available Availa	Available	Available Available Available Available Available Available Not Applicable Available	Available Available Available Available Available Available Available Not Applicable Not Available Not Available Ava	Available Not avai	Available Available Available Available Available Available Available Available Not Appliable	Available Available Available Available Available Available Not Available Not Applicable Not	Nex Applicable Nex Ap	Available	Nor Applicable Nor Ap	Note Applicable	NO N	Sources (jars , this for all the experiments and for fast their experiments) are and the fast three experiments (jars and the source and th					
17 PHV14	4 Physical Sciences Principles of Programming August 19 Programmi	Intersections Tradeous Experiment Instrumentation and working principles and and red (13) age of the principles and and red (13) age of the principles to administration and working principles to administration and working principles to administration and working principles to administration and the principles to administration and the principles to administration and the principles to administration of mans spectroscopy to administration of the principle of election generated the principle of election generated and the principles of election that and the principles of election of the principles to administration of the principles of election of the pri	Javas J. To Schi, Scotlaw Pragas (1.7-86). Javas J. To Schi, Scotlaw Pragas (1.7-86). Annual T. J. Schi, Prash J. To J	Available Available Available Available Available Available Available Available Available Nost Apilicable Available Available Nost Available Nost Available Nost Available Nost Available Nost Available Avail	Available	Available Available Available Available Available Not Applicable Available	Available Available Available Available Available Not Applicable Not Available Not Available Not Applicable Not Appl	Available Non av	Available Available Available Available Available Available Not Applicable	Available Availa	Nex Applicable	Available	Nor Applicable Nor Ap	Not Applicable	NO N	Sources (jars , this for all the experiments and for fast their experiments) are and the fast three experiments (jars and the source and th					

S.No	Lab Id	Lab Name	List of Experiments	Client side Dependencies	.java	.class	.jar	.jnlp	swf	.fla	.is	.nv	.php		.m	Source code required or not (Yes/No)	sources at?? (Bitbucket/Container)	Status				
			Archival and Compression	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO	(
			Obtaining System Information	None	Not Applicable	Not Applicable	Not Applicable		Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			Pipes and Redirection	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
-			Searching	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
-			Basic Networking	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			1	java (1.6.0-65), OpenJDK Runtime Environment (IcedTea 2.5.3), Java 3D																		
20	EMT	EM Theory	Coulomb's Law	Environment (IcedTea 2.5.3), Java 3D (1.5.2)	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)	Sources (.java for all the experiments.) are not available in bitbucket and in container.					
				java (1.6.0-65), OpenJDK Runtime Environment (IcedTea 2.5.3), Java 3D																		
			Electrostatic Fields I		Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)						
				java (1.6.0-65), OpenJDK Runtime Environment (IcedTea 2.5.3), Java 3D						"												
			Electrostatic Fields II		Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .java.)						
				java (1.6.0-65), OpenJDK Runtime Environment (IcedTea 2.5.3), Java 3D																		
\longrightarrow			Boundary Conditions	(1.5.2) java (1.6.0-65), OpenJDK Runtime	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)						
				Environment (IcedTea 2.5.3), Java 3D																		
			Electric Field in Material Space	java (1.6.0-65), OpenJDK Runtime	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)						
			Magnetostatic Fields	Environment (IcedTea 2.5.3), Java 3D	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)						
			Magnesosiane Pients	java (1.6.0-65), OpenJDK Runtime	Not available	Available	Available	ког дррисане	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	хог дррисане	1 ES (Requirea java)						
			Application of Faraday's Laws	Environment (IcedTea 2.5.3), Java 3D	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .java)						
				java (1.6.0-65), OpenJDK Runtime Environment (IcedTea 2.5.3), Java 3D																		
			Wave Propagation	(157)	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .java)						
				java (1.6.0-65), OpenJDK Runtime Environment (IcedTea 2.5.3), Java 3D																		
			Distance and Altitude Measurement		Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required .java)						
				java (1.6.0-65), OpenJDK Runtime Environment (IcedTea 2.5.3), Java 3D																		
_			Plane Waves - Reflection and Refraction	(1.5.2)	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES (Required java)						
-																						
					S	econd Set of Labs																
S.NO	Lab Id	Lab Name	List of Experiments	Client side Dependencies	java	.class	.jar	.jnlp	guf	, fis	,is	,av	.php		,,,,	Source code required or not (Yes/No)	sources at?? (Bitbucket/Container)					
1			1 Word Analysis	none	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO	sources are available for all the experiments.					
			2. Word Generation	none	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			3. Morphology	none	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			4. N-Grams	none	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
\rightarrow			5. N-Grams Smoothing	none none	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO NO						\rightarrow
\rightarrow			POS Tagging: Hidden Markov Model POS Tagging: Viterbi Decoding	none	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO					-	-
-			POS Tagging: Viterbi Decoding Building POS Tagger	none	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO				_		
\rightarrow			9. Chunking	none	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO NO				_		
-			10. Building Chunker	none	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
															.,							
2	CCNSB02	Colloid and Surface Chemistry	Preparation of Sols	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	YES (Required .fla)	Sources(fla files for 1,2,3,5,6,8,9 experiments) are not available in bitbucket and in container.					
			Preparation of Gels	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable		Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	YES (Required .fla)						
			Demonstration of the Preparation and Use of Association Colloids (Micelles)	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable		Available	Not available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	YES (Required fla)						
\rightarrow			Determination of Critical Micelle	Adobe Flash Plugin																		
-			Concentration (CMC) of a Surfactant	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			Demonstration of the Surface Tension Lowering of Water by Soaps/Detergents Demonstration of Tyndall Effect or Tyndall Scattering in Colloidal Systems		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	YES (Required .fla)						
			Demonstration of Tyndall Effect or Tyndall Scattering in Colloidal Systems	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	YES (Required .fla)						
			Gel Electrophoresis	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			Gel Electrophoresis Demonstration of the Surface-Effect on Chemical Properties of Finely Divided Particles	Adobe Flash Plugin																		
			Particles		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	YES (Required .fla)						
			Study of the Catalytic Effects of Finely Divided Particles	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	YES (Required .fla)						
		Molecular Absorption	Familiarization with the UV-Visible Absorption Spectroscopy:																			
		орисилистру	(a) Principles of UV-visible absorption spectroscopy: Electronic excitation transition and light absorption (b) The working principles of a UV- visible spectrophotometer: Instrumentation (c) Absorption (and transmittance) measurements of a colourless	Adobe Flash Plugin						fla,s are partially available. There are three links for the simulations and we dont have fla for the third												
			and a coloured light absorbing substance in a solution by using a							link (instrumentation_animation.s							Sources(fla files for 1,3,4 experiments) are not					
3	CCNSB03		spectrophotometer Solvent effects on absorption spectra	Adobe Flash Plugin	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Available Available	wf) Available	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	Not Applicable Not Applicable	YES	available in bitbucket and in container.					
-			Solvent effects on ansorption spectra	Adobe Flash Plugin	Not Applicante	Not Applicable	Not Applicable	Not Applicable	Available	fla.s are partially available. There	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicante	NO						
			Effects of sample path length	-	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	fla,s are partially available. There are two links for the simulations and we dont have fla for the second link (3.swf) fla,s are partially available. There we two links for the circulorism	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	YES						
				Adobe Flash Plugin						fla,s are partially available. There are two links for the simulations												
			Effects of sample concentration		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	are two links for the simulations and we dont have fla for the firstlink (concentration swf)	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	YES						
			Determination of molar absorptivity	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable		Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			Verification of Beer-Lambert Law	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			Determination of unknown concentration	n Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			Simultaneous estimation method for	Adobe Flash Plugin	тих гарпиани.	тог гаррикани	- ren reppiicansc	тос гарпилине	Atminut	Availance	Atamore	тих гарпиани.	гол гарриканос	THOS PAPPAGEAUSE	тос гарпилани	100						
			Verniamon of unknown concentration of a light absorbing analyte Simultaneous estimation method for multicomponent samples: Principle of additivity of absorbance		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			pH effects on absorption spectra: pKa determination by spectrophotometric method	Adobe Flash Plugin																		
			method		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
			Study of kinetics of a reaction by using spectrophotometric method	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO						
\exists		Molecular Interactions		Java 3D, Java, IcedTea Plugin		Not available for the first link in the							,									
4	CCNSB07		Internuclear forces in a diatomic molecule: Optical and magnetic tweezer experiments		Not available	simualtion & .class i available for the second link.	Not available	Not available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES	Sources(.java for 1-10 experiments) are not available in bitbucket and in container.					
			Molecular forces in a triatomic molecule		Not available				Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
\rightarrow			A magnetic tweezer experiment Dihedral forces in a quad-atomic molecule: A magnetic tweezer	Java 3D, Java, IcedTea Plugin	. Co. a ramance		1		our replicable	our reputation	Available	эт гурисане	Available	ros supplicable	то групсине	165						
			molecule: A magnetic tweezer experiment		Not available				Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
			Interatomic van der Waals forces	Java 3D, Java, IcedTea Plugin	Not available	Available	Not Applicable		Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
			van der Waals forces between molecules	Java 3D, Java, IcedTea Plugin	Not available	Available	Not Applicable		Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
			Interatomic electrostatic forces	Java 3D, Java, IcedTea Plugin	Not available	Available	Not Applicable		Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
-			Electrostatic forces between molecules Many-body forces in a polyatomic	Java 3D, Java, IcedTea Plugin Java 3D, Java, IcedTea Plugin	Not available	Available	Not Applicable		Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
			molecule		Not available	Available	Not Applicable		Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
			Solvent viscous forces on a polyatomic molecule	Java 3D, Java, IcedTea Plugin	Not available	Available	Not Applicable		Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
-			Molecular seperation using interatomic forces: Column chromatography	Java 3D, Java, IcedTea Plugin		Available							Available									
\rightarrow				Java 3D, Java, IcedTea Plugin	Not available Available	Available Available	Not Applicable Not Applicable	Not available	Not Applicable Not Applicable	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	YES NO				-	-	
\rightarrow			Radiation forces on a dielectric particle			Available	own repplicable	THE STREET	Not Applicable	Not Applicable	Available	ть присане	Availanc	rvo supplicable	то групсине	NO					-	
	EEDCO	Geotechnical Engineering Lab		Flash Plugin, IcedTea plugin and java 3D		Not contable		Assistant	Augitable	Not avritable	Assistate	Nor Apolicable	Not April 1944	Not Arelieved	Not Au-ti-shi-	Acres .	Sources(.java for all the 9 experiments) are					
3	EERC05		Free Swell Index Experiment California Bearing Ratio Test (CBR	Flash Plugin, IcedTea plugin and java 3D	Not available	Not available		Available	Available	Not available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	TES	and available in ontolexet and in container.					
_			Test)		Not available	Not available	Available		Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable		Not Applicable	YES						
\rightarrow			pH Test	Flash Plugin, IcedTea plugin and java 3D Flash Plugin, IcedTea plugin and java 3D	Not available	Not available			Not Applicable	Not Applicable	Available	Not Applicable		Not Applicable	Not Applicable	YES						\rightarrow
\rightarrow			Determination of Total Soluble Solids Core Cutter Experiment	Flash Plugin, leed I ea plugin and java 3D Flash Plugin, leed Tea plugin and java 3D	Not available Not available	Not available Not available	Available Available		Not Applicable Not Applicable	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable		Not Applicable Not Applicable	Not Applicable Not Applicable	YES					-	-
-			Vane Shear Test	Flash Plugin, IcedTea plugin and java 3D			Available		Not Applicable Available	Not available	Available	Not Applicable Not Applicable		Not Applicable Not Applicable	Not Applicable Not Applicable	YES						-
\rightarrow			Total Sulphate Test	Flash Plugin, IcedTea plugin and java 3D		Not available		Available	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	YES						
			Standard Penetration Test	Flash Plugin,IcedTea plugin and java 3D	Not available	Not available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	YES						
			Plate Load Test	Flash Plugin, IcedTea plugin and java 3D	Not available	Not available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	YES						
	cers	Computational Linguistics		none	March C. C.	No. 1 C.	Not Applicable	No. to C. C.	No. to 11	No. 4. C. C.	Available		Available		March 11 11	NO	and the second s					
0	CSE23		Forming Sentences-1 Forming Sentences-2	none	Not Applicable Not Applicable		Not Applicable Not Applicable		Not Applicable Not Applicable	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO	sources are available for all the experiments.			-		-
\rightarrow			Tokens and Types	none	Not Applicable		Not Applicable		Not Applicable	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO					-	
\rightarrow			Heap's Law	none	Not Applicable		Not Applicable		Not Applicable	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Not Applicable Not Applicable	NO NO						
\rightarrow			Dictionary Generation	none	Not Applicable		Not Applicable		Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO NO						
			Coarse-grained POS Tagging	none	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
			Fine-grained POS Tagging	none	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
\rightarrow			Chunking	none none	Not Applicable		Not Applicable		Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						\rightarrow
\rightarrow			Context Free Grammar	intic	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO				-		-
7	EERC06	Structural Dynamics	Simple Harmonic Oscillator	Flash,Java and IcedTea plugin	Not Applicable	Not Applicable	Available	Available	Available	Not available	Available					1						

S.No Lab																					
	ab Id La	Lab Name	List of Experiments	Client side Dependencies	.java	.class	.iar	.jnlp	swf	.fla	is	.pv	.oho	,e	.m	Source code required or not (Yes/No)	sources at?? (Bitbucket/Container)	Status			
			List of Experiments Free Vibration of Single Degree of Freedom System	Java 3D, Flash,Java and IcedTea plugin			Assellable		Available	Non-modelite	Available					,,					
			Forced Vibration of Single Degree of	Java 3D. Flash Java and IcedTea plugin	Available		Available	Available	Available	Not available									_		
					Available						Available										
			Impulse Response of SDOF	Java 3D, Flash,Java and IcedTea plugin	Available						Available										
				Java 3D, Flash,Java and IcedTea plugin	Available						Available										
				Java 3D, Flash,Java and IcedTea plugin	Available																
			Vibration of M.D.O.F System		m.Java) Need to check						Available										
				Java 3D, Flash,Java and IcedTea plugin	Available (Rigid.java)	<u> </u>															
			Behaviour of Rigid Block		check code]						Available										
			Torsional Response of Building	Java 3D, Flash,Java and IcedTea plugin	Available						Available										
			Continuous Systems	Java 3D, Flash,Java and IcedTea plugin	Available						Available										
			Vibration Control	Java 3D, Flash,Java and IcedTea plugin	Available						Available										
CSE	SE16 Sp	speech Signal Processing	Manual speech signal-to-symbol	Java Plugin 1.7.0_79,icedtea plugin													Sources(.java for all the 9 experiments) are not available in bitbucket and in container.				
8	_		transformation	Java Pluzin 1.7.0 79 icedtea pluzin	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES	not available in bitbucket and in container.				
_			Speech production mechanism	Java Plugin 1.7.0 79 icedica plugin	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES					
			Nature of speech signal	Java Plugin 1.7.0_79,icedica plugin Java Plugin 1.7.0_79,icedica plugin	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES					
			Basics of DSP	Java Plugin 1.7.0_79,icedica plugin Java Plugin 1.7.0_79,icedica plugin	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES					
			Short-time spectrum analysis of speech	Java Plugin 1.7.0_/9,cedlea plugin Java Plugin 1.7.0 79,cedlea plugin	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES					
			Spectrographic analysis of speech	Java Plugin 1.7.0_/9,icedea plugin Java Plugin 1.7.0 79,icedea plugin	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES					
			Cepstral analysis of speech		Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES					
			Linear prediction analysis of speech	Java Plugin 1.7.0_79,icedtea plugin	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES					
			Formant synthesis	Java Plugin 1.7.0_79,icedtea plugin	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES					
				Java Plugin 1.7.0_79,icedtea plugin	Not available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES					
9 CSE	SE21 O	Optical Remote Sensing	EM Spectrum	flash, Java, Java 3D	Not available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable						
			Black Body Radiation	flash, Java, Java 3D	Not available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable						
			Reflectance of Natural objects in the Electromagnetic spectrum	flash, Java, Java 3D	Not available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable						
			Sensors and Image Data Characteristics	flash, Java, Java 3D	Not available	Available	Not Applicable		Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable						
			Capturing Area-wide reflectance effect of spatial resolution	4																	
				flash, Java, Java 3D	Not available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable						
			Data quantization levels and object extraction effects of Radiometric																		
_			characteristics of the sensor	flash, Java, Java 3D	Not available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable						
			Visual Analysis - Band Combination	flash, Java, Java 3D	Not available	Available	Not Applicable		Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable					\perp	
			Band Algebra - Index based Analysis	flash, Java, Java 3D	Not available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable						
Erne	PC02 C-	Soil Mechanics and Foundation																	_	-	- I
10 EERC	Er So	Engineering	Water Content Experiment	Java 3D, Flash,Java and IcedTea plugin	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable						
			Unit Weight Experiment	Java 3D, Flash,Java and IcedTea plugin	Available	Not available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable						
			Specific Gravity Experiment	Java 3D, Flash,Java and IcedTea plugin	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable						
			Grain Size Distribution Experiment	Java 3D, Flash,Java and IcedTea plugin		Not available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable						
			Attenberg Limits Experiment	Java 3D, Flash,Java and IcedTea plugin	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable						
			Permeability Experiment	Java 3D, Flash,Java and IcedTea plugin	Available	Not available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable						
			Compaction Test Experiment	Java 3D, Flash,Java and IcedTea plugin	Available	Not available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable						
	-		Consolidation Test Experiment	Java 3D, Flash,Java and IcedTea plugin	Available	Available	Available	Available	Available	Available	Available	Not Applicable	Available	Not Applicable	Not Applicable						
_	-		Direct Shear Test Experiment	Java 3D, Flash,Java and IcedTea plugin Java 3D, Flash,Java and IcedTea plugin	Available	Aveilable	Available	Available	Available	Available	Available	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Not Applicable Not Applicable						
_	-		Triaxial Test Experiment	Java 3D, Flash,Java and IcedTea plugin Java 3D, Flash,Java and IcedTea plugin	Available	Available	Available Available	Available	Available	Available	Available	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Not Applicable Not Applicable				_		
	_				Atlanton	Attangue	Available	Available	Available	Available	Available	Ten Applicance	Available	Not Applicable	rece reprincation.				_	-	
	M	Molecular Florescence	Introduction to the fluorescence	Adobe Flash Plugin													sources are available for all the experiments in	1			
11 CCNS	NSB01 Sp	pectroscopy	spectroscopy principle Familiarization with the fluorescence	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO	this lab.		_	\vdash	-
			instrumentation		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO					
			Familiarization with excitation and	Adobe Flash Plugin																	
			emission spectra, Mirror Image relation and Stokes Shift		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO					
			and Stokes Shift Demonstration of solvent effects on fluorescence spectra	Adobe Flash Plugin																	
			fluorescence spectra	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO					
			Demonstration of pH effects on fluorescence spectra		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO					
			Effects of concentration (optical density of a fluorophore on emission spectra Relationship between the concentration	Adobe Flash Plugin																	
_			of a fluorophore on emission spectra	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO					
			of a fluorophore	Adote Fasii Fiagii																	
			of a fluorophore and its fluorescence intensity: Determination of unknown concentration of an analyte in solution																		
			of an analyte in solution	1	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO					
				Adobe Flash Plugin						Available											
_	_		Fluorecompo Guanchine and Stars	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO			_		
			Volmer plot: Estimation of the quenchin	8																	
_	_		Determination of fluorescence quantum yield of a fluorophore Fluorescence Quenching and Stern- Volmer plot: Estimation of the quenchin constant from Stern-Volmer plot Effects of excimer and exciplex formation on fluoroscens misciscia.	Adobe Flash Plugin	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO					
			formations on fluorescence emission	Adote Fasii Fiagii																	
			formations on fluorescence emission spectra		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Available	Available	Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NO					
_	O	Quantum Chemistry	UV-Visible Spectroscopy of Conjugated	Java and icedtea plugin															_	_	
12 CCNS	NSB04	/mmm Circuisity			Not Available	Available	Not Required	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Required						
			Vib-rotational Spectroscopy of Hydroge Chloride	n Java and icedtea plugin	Not Available	Available	Not Required	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Required						
			Geometry Optimization using ab initio quantum calcuations	Java and icedtea plugin	THE PETALLET	Atamatic		100 Applicance	1401 repprisance	1401 Appricator					Not recipited					_	
			quantum calcuations				Not Required														
			Calculation of Vibrational Frequency of Molecules and Visualization of Normal Modes		Not Available			Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Required						
				Java and icedtea plugin	Not Available							Not Applicable		Not Applicable							
			Modes	Java and icedtea plugin	Not Available Not Available		Not Required	Not Applicable	Not Applicable	Not Applicable	Available	Not Applicable Not Applicable	Available	Not Applicable Not Applicable	Not Required						
			Modes Huckel Molecular Orbital Theory	Java and icedtea plugin	Not Available Not Available Not Available		Not Required					Not Applicable		Not Applicable							
	-		Modes Huckel Molecular Orbital Theory Conformational Analysis of 1,2- dichlomorthane	Java and icedtea plugin			Not Required Not Required	Not Applicable Not Applicable	Not Applicable Available	Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable Not Applicable	Available Available	Not Applicable Not Applicable Not Applicable	Not Required Not Required						
_			Modes Huckel Molecular Orbital Theory Conformational Analysis of 1,2- dichloroethane Transition State Calculation for a SN2	Java and icedtea plugin	Not Available		Not Required Not Required Not Required	Not Applicable Not Applicable Not Applicable	Not Applicable Available Available	Not Applicable Not Applicable Available	Available Available Available	Not Applicable Not Applicable Not Applicable Not Applicable	Available Available Available	Not Applicable Not Applicable Not Applicable Not Applicable	Not Required Not Required Not Required						
			Huckel Molecular Orbital Theory Conformational Analysis of 1,2- dichlorocthane Transition State Calculation for a SN2 reaction	Java and icedtea plugin	Not Available Not Available		Not Required Not Required Not Required Not Required	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Available Available Available	Not Applicable Not Applicable Available Not Applicable	Available Available Available Available	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Available Available Available Available	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Required Not Required Not Required Not Required						
			Huckel Molecular Orbital Theory Conformational Analysis of 1,2- dichleosethane Transition State Calculation for a SN2 reaction Eigen systems: Geometrical Interpretatio	Java and icedien plugin	Not Available		Not Required Not Required Not Required Not Required Not Required Not Required	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Available Available Available Available Available	Not Applicable Not Applicable Available Not Applicable Not Applicable	Available Available Available	Not Applicable	Available Available Available	Not Applicable	Not Required Not Required Not Required Not Required Not Required						
			Huckel Molecular Orbital Theory Conformational Analysis of 1,2- dichlorocthane Transition State Calculation for a SN2 reaction	Java and icedtea plugin	Not Available Not Available		Not Required Not Required Not Required Not Required	Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Available Available Available	Not Applicable Not Applicable Available Not Applicable	Available Available Available Available	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Available Available Available Available	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Required Not Required Not Required Not Required						
			Huckel Molecular Orbital Theory Conformational Analysis of 1,2- dichleosethane Transition State Calculation for a SN2 reaction Eigen systems: Geometrical Interpretatio	Java and icedica plugin	Not Available Not Available		Not Required Not Required Not Required Not Required Not Required Not Required	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Available Available Available Available Available	Not Applicable Not Applicable Available Not Applicable Not Applicable	Available Available Available Available	Not Applicable	Available Available Available Available	Not Applicable	Not Required Not Required Not Required Not Required Not Required						
		Circular Dichronism Spectroscopy	Huckel Molecular Orbital Theory Conformational Analysis of 1,2- dichloteortham Transition State Calculation for a SN2 reaction Eigen systems: Geometrical Interpretatio Geometry Optimization of Molecules 1. To determine the specific rotation of a	Java and seedica plugin Adobe Flash Plugin	Not Available Not Available Not Available Not Available		Not Required	Not Applicable	Not Applicable Available Available Available Available Available Not Applicable	Not Applicable Not Applicable Available Not Applicable Not Applicable Not Applicable	Available Available Available Available Available Available Available	Not Applicable	Available Available Available Available Available Available Available	Not Applicable	Not Required Not Required Not Required Not Required Not Required Not Required		Source Jan Se 7, 4, 8 experiment & file Se 14, 5 experiment in zero de studiesto.				
13 CCNS		Circular Dichronism Spectroscopy	Huckel Molecular Orbital Theory Conformational Analysis of 1,2- dichloteortham Transition State Calculation for a SN2 reaction Eigen systems: Geometrical Interpretatio Geometry Optimization of Molecules 1. To determine the specific rotation of a	Java and seedica plugin Adobe Flash Plugin	Not Available Not Available	Not Applicable	Not Required Not Required Not Required Not Required Not Required Not Required	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Not Applicable Available Available Available Available Available	Not Applicable Not Applicable Available Not Applicable Not Applicable	Available Available Available Available	Not Applicable	Available Available Available Available	Not Applicable	Not Required Not Required Not Required Not Required Not Required	YIS	Source(avs for 3, 4, 5 experiment & fils for 1, 6, 7 experiments) are not available in behavior and in continer.				
13 CCNS		Circular Dichronism Spectroscopy	Huckel Molecular Orbital Theory Conformational Analysis of 1,2- dichloteortham Transition State Calculation for a SN2 reaction Eigen systems: Geometrical Interpretatio Geometry Optimization of Molecules 1. To determine the specific rotation of a	Java and seedica plugin Adobe Flash Plugin	Not Available Not Available Not Available Not Available Not Available Not Applicable		Not Required Not Applicable	Not Applicable	Not Applicable Available Available Available Available Not Applicable Available	Not Applicable Not Applicable Available Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Available Available Available Available Available Available Available Available	Not Applicable	Available Available Available Available Available Available Available Available	Not Applicable	Not Required Not Applicable		Source (and fit 3, 4, 8 experiment), at the field 1, 6, 7 experiment) are not available in hilbsacket and in container.				
13 CCNS		Circular Dichronism Spectroscopy	Hucked Molecular Othital Theory Conformational Analysis of 1.2- dichlocorchane Transition State Calculation for a SN2 reaction Transition State Calculation for a SN2 reaction Geometrical Interpretatio Geometry Optimization of Molecules 1. To determine the specific sociation of a sogn using a polarimeter. 2. To understand the effect of chiral substances on plane polarized light as a	Java and icedica plagin Awa and icedica plagin Awa and icedica plagin Adobe Flash Plagin Adobe Flash Plagin	Not Available Not Available Not Available Not Available	Not Applicable Not Applicable	Not Required	Not Applicable	Not Applicable Available Available Available Available Available Not Applicable	Not Applicable Not Applicable Available Not Applicable Not Applicable Not Applicable	Available Available Available Available Available Available Available	Not Applicable	Available Available Available Available Available Available Available	Not Applicable	Not Required Not Required Not Required Not Required Not Required Not Required	YES	Sourced Java Eer 3, 4, 8 experiments & flat for 1, 6 billhocket and in container.				
13 CCNS		Circular Dichronism Spectroscopy	Hucked Molecular Othital Theory Conformational Analysis of 1.2- dichlocorchane Transition State Calculation for a SN2 reaction Transition State Calculation for a SN2 reaction Geometrical Interpretatio Geometry Optimization of Molecules 1. To determine the specific sociation of a sogn using a polarimeter. 2. To understand the effect of chiral substances on plane polarized light as a	Java and seedica plugin Adobe Flash Plugin	Not Available Not Available Not Available Not Available Not Available Not Applicable	Not Applicable	Not Required Not Applicable	Not Applicable	Not Applicable Available Available Available Available Available Not Applicable Available Available	Nort Applicable Nort Applicable Available Available Nort Applicable Nort Applicable Nort Applicable Nort Applicable Nort Available fly file is available	Available Available Available Available Available Available Available Available Available	Not Applicable Available	Available Available Available Available Available Available Available Available Available	Not Applicable	Not Required Not Applicable Not Applicable	NO	Source (and for 3, 4, 8 experiments, 4, this foel 1, 6, 7 experiments), a rest of available in hilbacket and in container.				
13 CCNS		Circular Dichronism Spectroscopy	Hacket Molecular Orbital Theory Conformational Analysis of 1,2- dichlorocrlane Transition State Calculation for a SN2 reading the Conformation of Particular State (Conformation of Molecular Eggins systems: Geometrical Interpretation Geometry, Optimization of Molecular Lord Conformation of State (Conformation of State (C	Java and icedica plagin Adobe Flash Plagin Adobe Flash Plagin Java and icedica plagin	Not Available Not Available Not Available Not Available Not Available Not Applicable		Not Required Not Applicable	Not Applicable	Not Applicable Available Available Available Available Not Applicable Available	Not Applicable Not Applicable Available Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Available Available Available Available Available Available Available Available	Not Applicable	Available Available Available Available Available Available Available Available	Not Applicable	Not Required Not Applicable		Source(jus for), 4 e experiences & file for 1, 4 e experiences &				
13 CCNS		Circular Dichronism Spectroscopy	Hacket Molecular Orbital Theory Conformational Analysis of 1,2- dichlorocrlane Transition State Calculation for a SN2 reading the Conformation of Particular State (Conformation of Molecular Eggins systems: Geometrical Interpretation Geometry, Optimization of Molecular Lord Conformation of State (Conformation of State (C	Java and icedica plagin Awa and icedica plagin Awa and icedica plagin Adobe Flash Plagin Adobe Flash Plagin	Not Available Not Available Not Available Not Available Not Applicable Not Applicable Available	Not Applicable Available	Not Required Not Required Not Required Not Required Not Required Not Required Not Applicable Not Applicable Available	Not Applicable	Not Applicable Available Available Available Available Available Available Available Available Available	Nor Applicable Nor Applicable Available Available Nor Applicable Nor Applicable Nor Applicable Nor Applicable Nor Available for file is available Available	Available	Not Applicable Available Available Available	Available	Not Applicable	Not Required Not Required Not Required Not Required Not Required Not Required Not Applicable Not Applicable	NO YES	Source (just for), it is experiment it for for 1, 6,7 experiment is for the for a condition in labelled and it continues				
13 CCNS		Circular Dichronism Spectroscopy	Hacket Molecular Orbital Theory Conformational Analysis of 1,2- dichlorocrlane: Transition State Calculation for a SN2-exception of the Conformation Analysis of 1,2- dichlorocrlane: Transition State Calculation for a SN2-exception of the Conformation of Molecular Engine Systems: Geometrical Interpretation Geometry, Optimization of Molecular United States of the Conformation of the	Java and scothes physin Adole Flash Physin Java and scothes physin Adole Flash Physin Java and scothes physin Adole Flash Physin	Not Available Not Available Not Available Not Available Not Available Not Applicable	Not Applicable	Not Required Not Applicable	Not Applicable	Not Applicable Available Available Available Available Available Not Applicable Available Available	Nort Applicable Nort Applicable Available Available Nort Applicable Nort Applicable Nort Applicable Nort Applicable Nort Available fly file is available	Available Available Available Available Available Available Available Available Available	Not Applicable Available	Available Available Available Available Available Available Available Available Available	Not Applicable	Not Required Not Applicable Not Applicable	NO	Source jass for 3. & experiments & fills for 1. 6. Experiments and for 1. 6. Experiments have a relable in the first and it consistent.				
13 CCNS		Circular Dichronism Spectroscopy	Hacket Modecular Orbatal Theory Candoniumoulan Alanysis of 1,2- dublacectural Candoniumoulan Alanysis of 1,2- dublacectural Candoniumoulan Candoniumoulan Figura systems Connectical Integration I. To determine the specific notation of suggested I. To determine the specific notation of suggested I. To determine the specific notation of suggested In the support of the critics of chiral Section of the critics of chiral Section (Section Section Se	Java and scohas plagin Adule Flash Flagin Java and scohas plagin Adule Flash Flagin Adule Flash Flagin Adule Flash Flagin	Not Available Not Available Not Available Not Available Not Applicable Not Applicable Available Available	Not Applicable Available Available	Not Required Not Applicable Not Applicable Available Available	Not Applicable	Not Applicable Available Available Available Available Available Not Applicable Available Available Available Available Available Available	Nort Applicable Nort Applicable Available Available Nort Applicable Nort Applicable Nort Applicable Nort Applicable The Applicable Nort Applicable Available Available Available Available Available	Available	Not Applicable Available Available Not Applicable Not Applicable	Available	Not Applicable	Not Required Not Applicable Not Applicable Not Applicable Not Applicable	NO YES YES	Sourced parts for 3, 4, 8 experiments de fils for 1, 6, 7 experiments) are not consider in habitacier and in consister.				
13 CCNS		Circular Dichronism Spectroscopy	Hacket Modecular Orbatal Theory Conformational Analysis of 1.2— Conformational Analysis of 1.2— Transition State Calculation for a SNS - Transition State Calculation for a SNS - Transition State Calculation for a SNS - Degree systems. Geometrical Interpretation Concerncy Organization of Indicated Interpretation Concerncy Calculation of Indicated Interpretation 1. To describe the Calculation of the Calculation of the Calculation of the Calculation (SNS - Calculation of Calculation Calculation (SNS - Calculation Calculation Calculation Calculation Calculation (SNS - Calculation Calculation Calculation Calculation Calculation Calculation (SNS - Calculation Calculation Calculation Calculation Calculation Calculation Calculation (SNS - Calculation Cal	Java and scothes physin Adole Flash Physin Java and scothes physin Adole Flash Physin Java and scothes physin Adole Flash Physin	Not Available Not Available Not Available Not Available Not Applicable Not Applicable Available	Not Applicable Available	Not Required Not Required Not Required Not Required Not Required Not Required Not Applicable Not Applicable Available	Not Applicable	Not Applicable Available Available Available Available Available Available Available Available Available	Nor Applicable Nor Applicable Available Available Nor Applicable Nor Applicable Nor Applicable Nor Applicable Nor Available for file is available Available	Available	Not Applicable Available Available Available	Available	Not Applicable	Not Required Not Required Not Required Not Required Not Required Not Required Not Applicable Not Applicable	NO YES	Source(just for), & experiment g. file for h, h, h, h, consider in h, h, h, consider in consider in h, h, h, consider in consider in the consideration in the considerati				
13 CCNS		Circular Dichronism Spectroscopy	Hacket Molecular Orbital Theory Conformational Analysis of 1,2- dichlorocrlane: Transition State Calculation for a SN2-exception of the Conformation Analysis of 1,2- dichlorocrlane: Transition State Calculation for a SN2-exception of the Conformation of Molecular Engine Systems: Geometrical Interpretation Geometry, Optimization of Molecular United States of the Conformation of the	Java and scohas plagin Adule Flash Flagin Java and scohas plagin Adule Flash Flagin Adule Flash Flagin Adule Flash Flagin	Not Available Not Available Not Available Not Available Not Applicable Not Applicable Available Available Not Applicable Not Applicable Not Applicable	Not Applicable Available Available Not Applicable	Not Required Not Applicable Not Applicable Available Available Not Applicable	Not Applicable Not Available Not Available Not Available	Not Applicable Available Available Available Available Available Not Applicable Available Available Available Available Available Available Available Available	Not Applicable Available Available Available Available Available	Available	Not Applicable Available Available Not Applicable Not Applicable Not Applicable	Available	Not Applicable	Not Required Not Required Not Required Not Required Not Required Not Required Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	NO YES YES NO	Sweet (as to 3.3.8 experience 4. fit for 1.8.7 experience				
13 CCNS		Circular Dichronism Spectroscopy	Illustration Moderate Orchital Theory Conformational Analysis of 1.2— Transition State Calculation for a SN2-Transition State Calculation for a SN2-Transition State Calculation for a SN2-Transition State Calculation for SN2-Transition State Calculation State Calculation of State Ca	Java and scohes plagin Adobe Flash Flagin	Not Available Not Available Not Available Not Available Not Applicable Not Applicable Available Available	Not Applicable Available Available	Not Required Not Applicable Not Applicable Available Available	Not Applicable Not Available Not Available Not Available	Not Applicable Available Available Available Available Available Not Applicable Available Available Available Available Available Available	Nort Applicable Nort Applicable Available Available Nort Applicable Nort Applicable Nort Applicable Nort Applicable The Applicable Nort Applicable Available Available Available Available Available	Available	Not Applicable Available Available Not Applicable Not Applicable	Available	Not Applicable	Not Required Not Applicable Not Applicable Not Applicable Not Applicable	NO YES YES	Source jans for 3, 4.8 experiments & file for 1, 6.7 operiments just not available in Mischele and it constant.				
13 CCNS		Circular Dichronism Spectroscopy	Hacket Modecular Orbatal Theory Conformational Analysis of L2— Conformational Analysis of L2— Tamation State Calculation for a SN2— Tamation State Calculation for a SN2— Engine systems. Geometical Interpretation Concerncy Optimization of Indicated 1. To determine the specific relation of a 1. To determine the specific relation of a 1. To indicate the calculation of the 1. To determine the specific relation of 2. To indicate the specific relation of 2. To indicate the specific relation of 1. To Snap the Circular Deletions on Snapsenson (CRID) of time chiral 4. To study the Copical Relative Department (CRID) of the control of the Snapsenson (CRID) of the Snapsenson (CRID) of Snapsenson (CRID) of Snapse	Java and scohes plagin Andre Flash Flagin Adole Flash Flagin Java and scohes plagin Java and scohes plagin Java and scohes plagin Adole Flash Flagin	Not Available Not Available Not Available Not Available Not Applicable Not Applicable Available Available Not Applicable Not Applicable Not Applicable	Not Applicable Available Available Not Applicable	Not Required Not Applicable Not Applicable Available Available Not Applicable	Not Applicable Not Available Not Available Not Available	Not Applicable Available Available Available Available Available Not Applicable Available Available Available Available Available Available Available Available	Not Applicable Available Available Available Available Available	Available	Not Applicable Available Available Not Applicable Not Applicable Not Applicable	Available	Not Applicable	Not Required Not Required Not Required Not Required Not Required Not Required Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	NO YES YES NO	Succeding for 3, 4 a experiments & file for 1, 4 a experiments & file for 1, 4 and 1				
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EERU 14	SP S	Circular Dishrentian Spektroscopy Basic Structural Analysis Analog CMOS VLSI Circuit Design	Induction Moderate Orbital Theory Conformation Admission of 1.5 Transition. South Calculation for a SND: Transition. South Calculation for a SND: Transition. South Calculation for a SND: Explain systems: Construction Integration Concerney Optimization of Moderate I. To determine the specific nection of To To determine the specific nection of the Snd To determine the Snd To de	Java and scohes plagin Adole Flash Flagin Java 131, Flash, Java and Iscoff Tea plagin Java 132, Flash, Java and Iscoff Tea plagin Java 133, Flash, Java and Iscoff Tea plagin Java 131, Flash, Java and Iscoff Tea plagin Java 131, Flash, Java and Iscoff Tea plagin Java 132, Flash, Java and Iscoff Tea plagin Java 133, Flash, Java and Iscoff Tea plagin Java 131, Flash, Java and Iscoff Tea plagin J	Nee Available Nee Applicable Nee Applicable Nee Applicable Nee Applicable Nee Available Nee Available	Nort Applicable Available Available Available Available Nort Applicable Nort Available	Nost Required Nost Applicable Available Available Nost Applicable Nost Applicable Nost Applicable Available	Nor Applicable Available	Not Apple alle Available Votable Votable Votable Not Apple alle Available Av	Not Applicable Not Applicable Not Applicable Available Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Available To the a wailable Available Available Not Available	Available	Not Applicable	Available	Not Applicable Not Ap	Not Required Not Applicable	NO YIS YIS NO YIS YIS YIS YIS YIS NO NO NO YIS YIS YIS YIS YIS YIS YIS YI	Source jury & All file of the 10 September jury of a should in the Redet and in container.				
EERC 14	SP S	Circular Dishrentian Spektroscopy Basic Structural Analysis Analog CMOS VLSI Circuit Design	Induction Moderate Order Theory Conformation Admission of L2— Conformation Admission of L3— Transition Static Calculation for 8 832— Transition Static Calculation for 8 832— Conformation Admission of Calculation for 8 832— Conformation of Moderate Calculation of Calculation o	Java and scohes plagin Adole Flash Flagin Java 131, Flash, Java and Iscoff Tea plagin Java 132, Flash, Java and Iscoff Tea plagin Java 133, Flash, Java and Iscoff Tea plagin Java 131, Flash, Java and Iscoff Tea plagin Java 131, Flash, Java and Iscoff Tea plagin Java 132, Flash, Java and Iscoff Tea plagin Java 133, Flash, Java and Iscoff Tea plagin Java 131, Flash, Java and Iscoff Tea plagin J	Not Available Not Available Not Available Not Available Not Available Not Applicable Available	Nort Applicable Available Available Available Available Nort Applicable Nort Available	Nost Required Nost Applicable Available Nost Applicable Nost Applicable Nost Applicable Nost Applicable Nost Applicable Nost Applicable Available	Nor Applicable Available	Not Applicable Available A	Not Applicable Not Applicable Not Applicable Available Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Available To the a wailable Available Available Not Available	Available	Not Applicable	Available	Nor Applicable Nor Ap	Not Required Not Applicable	NO YIS YIS NO YIS YIS YIS YIS YIS NO NO NO YIS YIS YIS YIS YIS YIS YIS YI	Source jury & All file of the 10 September jury of a should in the Redet and in container.				

i.No Lai	b Id Lab Name	List of Experiments	Client side Denendencies	iava	class	.iar	.jnlp	swf	.fla	.is	.nv	.php	.c	.m	Source code required or not (Yes/No)	sources at?? (Bitbucket/Container)	Status				
		Design and characterization of common source amplifier with Current													,,						
		source load : * Transfer Characteristics (Vin v/s Vout)																			
		* Frequency Response (Vin v/s Frequency)	Java and IcedTea plugin	Available	Available	Not Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
		Design and characterization of common gate amplifier: Transfer Characteristics (Vin v/s Vout) Frequency Response (Vin v/s																			
		Frequency) 5. Design and characterization of	Java and IcedTea plugin	Available	Available	Not Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
		5. Design and characterization of differential amplifier: * Transfer Characteristics (Vin v/s Vout) *Frequency Response (Vin v/s Frequency)	Java and IcedTea plugin	Available	Available	Not Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO.						
	_	Design and characterization of	Java and iccurca pragm	Available	Atamanic	THE ATTEMATIC	NO AVAILABLE	THE PERSONS	1401 Application	Available	ren reprinance	Available	rior repriseable	ros repairement	140						
		differential to single-ended circuit: "Transfer Characteristics (Vin v/s Vout) " Frequency Response (Vin v/s Frequency)	Java and IcedTea plugin	Available	Available	Not Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
_		7. Design and characterization of basic	Java and iceu rea prugin	Available	Available	NOI AVAIIABLE	NOI AVAIIANC	Not Applicable	Not Applicable	Available	Not Applicable	Availance	Not Applicable	мог дррисание	NO NO			_		_	
		current mirror	Java and IcedTea plugin	Available	Available	Not Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
		Design and characterization of cascode current mirror	Java and IcedTea plugin	Available	Available	Not Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
		Design and characterization of voltage mode buffer: Transfer Characteristics (Vin v/s Vout) Frequency Response (Vin v/s Frequency)	Java and IcedTea plugin	Available	Available	Not Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	NO						
16 CS	E17 Mobile Robotics	1. Sensor Modelling	Java & Iced-tea plugin	Not Available	Available	Not Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES	Sources(.java for all the 10 experiments) are not available in bitbucket and in container.					
		2. Velocity Modelling	Java & Iced-tea plugin	Not Available	Not Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
		3. Mapping	Java & Iced-tea plugin	Not Available	Not Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
		4. Localization	Java & Iced-tea plugin	Not Available	Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
		5. Grid based navigation	Java & Iced-tea plugin	Not Available	Not Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
		6. Forward kinematics	Java & Iced-tea plugin	Not Available	Not Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
		7. Scan matching	Java & Iced-tea plugin	Not Available	Not Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
		8. RRT based path planning	Java & Iced-tea plugin	Not Available	Not Available	Available	Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
		9. Exploration	Java & Iced-tea plugin	Not Available	Not Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
		10. Monte Carlo localization	Java & Iced-tea plugin	Not Available	Not Available	Available	Not Available	Not Applicable	Not Applicable	Available	Not Applicable	Available	Not Applicable	Not Applicable	YES						
_				_											-					_	
	Got from developer-Sept, 2015																			_	
	Not Avaiable																				
	Available																				