Shri Shivaji Education Society, Amravati's

SCIENCE COLLEGE

Congress Nagar, Nagpur - 440 012 (M.S.) INDIA

'A+' Grade with 3.51 CGPA in 3rd Cycle
College with Potential for Excellence
Recognised Centre for Higher Learning & Research
Institutional Member of APQN
A Mentor College under UGC PARAMARSH Scheme
An ISO 21001:2018 Certified Institution
NIRF 2024 Rank-band : 201-300

E-mail: shivajiscience_ngp@yahoo.com Web : www.sscnagpur.ac.in

4th Cycle

Assessment & Accreditation by NAAC

CRITERIA- IV Infrastructure and Learning Resources (100)

Metric No. : 4.3 IT Infrastructure (30)

Metric No. : 4.3.1 Q1M Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

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SCIENCE COLLEGE
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Shri Harshvardhan P. Deshmukh
President
Dr. Omraj S. Deshmukh
Principal

- 'A+' Grade with 3.51 CGPA (3rd Cycle) Reassessment College by NAAC, Bangalore
- A College with Potential for Excellence identified by UGC, New Delhi
- Member, APQN (Asia Pacific Quality Network)
- Recognized Centre for Higher Learning & Research
- Mentor College under 'Paramarsh Scheme' UGC, New Delhi
- An ISO 21001 : 2018 Certified Institution

Dr. Panjabrao alias Bhausaheb Deshmukh
Founder President

No. Sc. .....

Date : .....

Self Declaration

This is to certify that, the information, reports, true copies of the supporting documents, numerical data, and weblinks furnished in this file are verified by IQAC and the head of the institution and found correct.

Dr. A. A. Halder
IQAC Coordinator
S.S.E.S.A's
Science College, Nagpur

Dr. O. S. Deshmukh
Principal
S. S. E. S. Amravati's
Science College, Nagpur.

SEAL

Updates of IT Facility including WIFI during last five years

From 2019-2020 to 2023-2024			New Addition (2023-2024)	No. of PC for students use
Sr.No.	Departments	No. of PC's	Department	
1	Office	6		
2	Bio-Technology	3	2	2
3	Botany	2		1
4	Electronics	2		2
5	Languages	1		13
6	Geology	2		2
7	Chemistry	3	5	3
8	Computer Science	4	18	293
9	Physical Education	1		1
10	Mathematics	3		2
11	Micro biology	2		2
12	Physics	2	5	5
13	Statistics	2		2
14	Zoology	1	1	2
15	IQAC	2		
16	Principal	1		
17	Library	5	5	22
Total PC's		16	36	352

No. of PC's Available in the college

Sr. No	Name of Department	Name of Laboratory	Number of Computer
1	Department of Computer Science	B.Sc. Computer Science Laboratory	63
		BCA-1 Computer Science Laboratory	60
		BCA-2 Computer Science Laboratory	60
		M.Sc. Computer Science Laboratory	60
		MCA Laboratory	30
2	Department of Language	Language Lab	20
3	All other departments and the Library	Department and Lab	59
		Total	352

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Internet Bandwidth

Sr.No.	Year	Internet Bandwidth
1	2023-2024	50 mbps
2	2022-2023	50mbps
3	2021-2022	50mbps
4	2020-2021	30mbps
5	2019-2020	30mbps

Other IT Facilities

Two smart classrooms with ICT facility

Internet Facility is available in all the departments &Laboratories

Library is well equipped with internet &PC's

WiFi facility is Available for Students &Teachers

College Website

Administrative Software

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Expenditure on IT Updates during last five years

IT facility	Expenditure on Updates of IT facilities including wi-fi in lakhs
2023-24	
Office Automation software charges	2.89466
wi-fi campus expenditure	2.26560
Purchase of computer and printers	11.13799
Telephone bill &maintenance	1.58784
2022-23	
Telephone bill &maintenance	0.09127
Office Automation software charges	3.24371
Wi-fi	2.26560
Internet charges	1.50000
2021-22	
Telephone bill &maintenance	0.10015
Office Automation software charges	3.24672
Wi-fi	2.26560
Internet charges	2.01433
2020-21	
Telephone bill &maintenance	0.08268
Website expenditure	2.83200
Internet charges	2.59600
2019-20	
Telephone bill &maintenance	0.63822
Website expenditure	2.36
Internet charges	1.94700
Software	2.82684
Wi-fi Amc	1.69920

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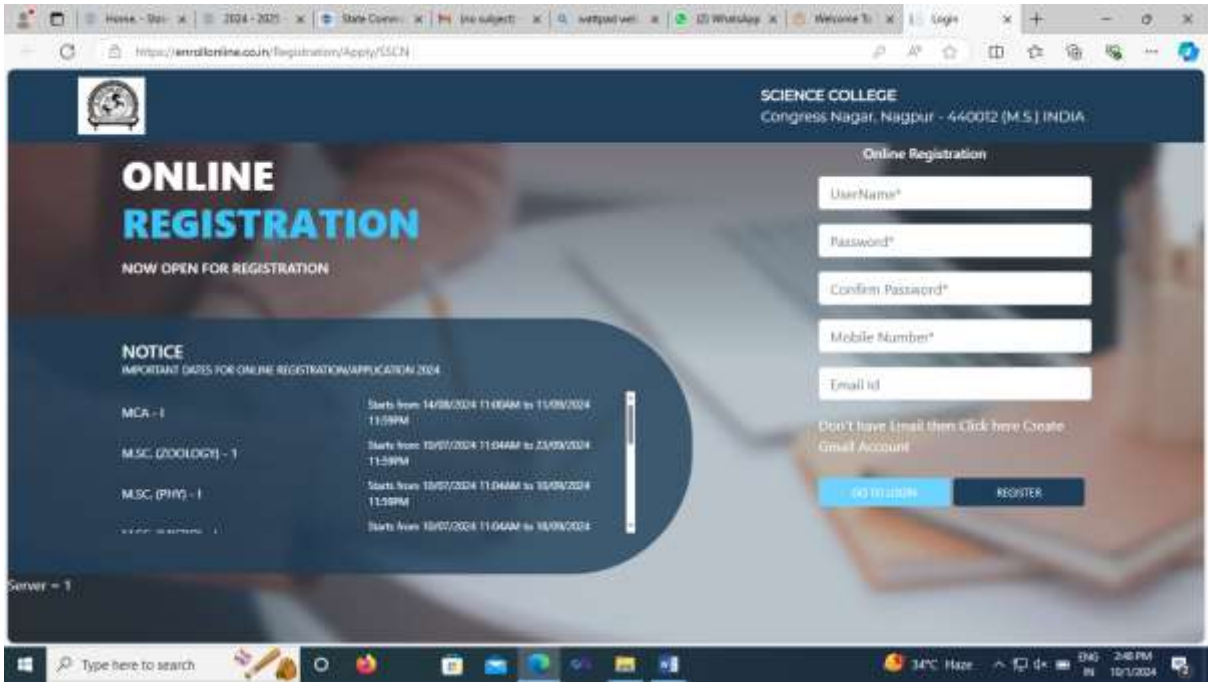
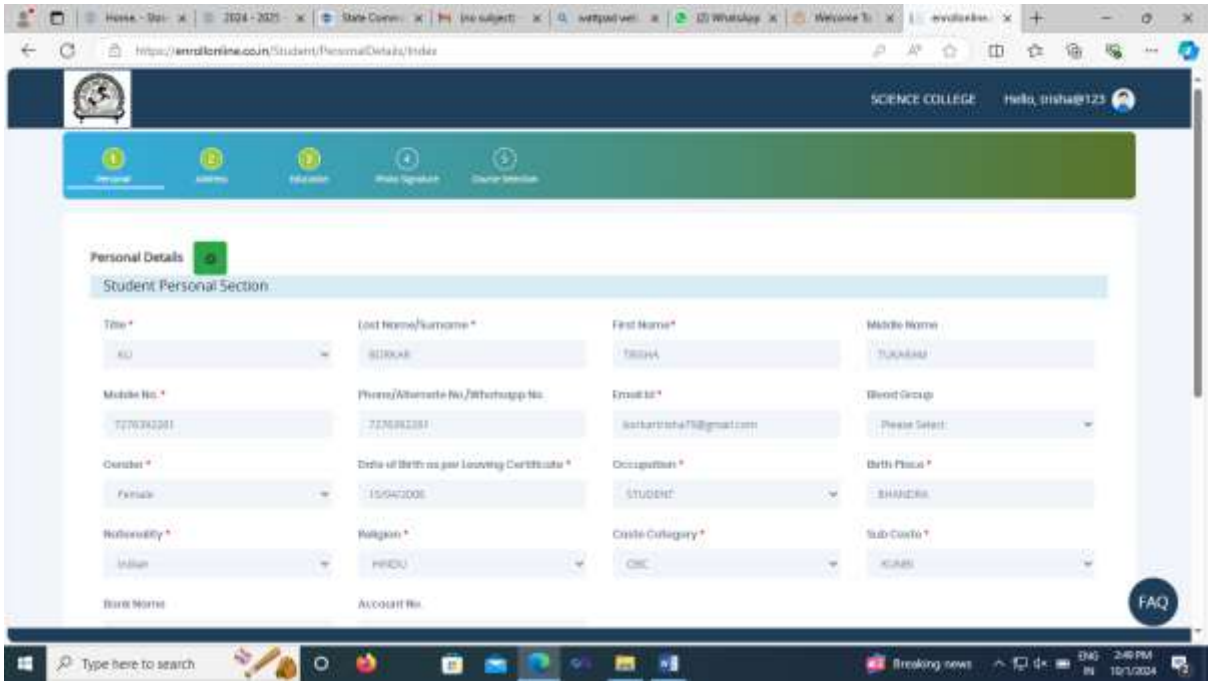
Facility of E-content

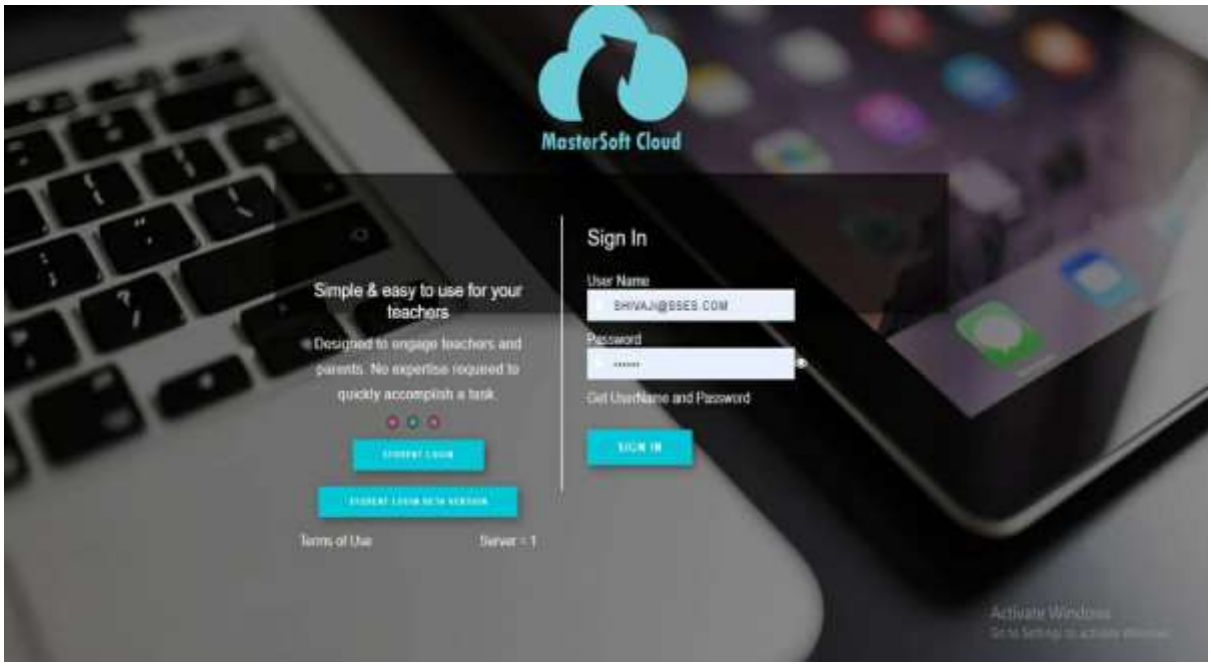
Sr.No.	Name of E-content development facility	Providing link of the video and Media center and Recording Facility
1	Dr.S.W.Anwane	https://youtu.be/6Hb__gZby2A
2	Dr.S.W.Anwane	https://youtu.be/ekYKMl3UPDA
3	Dr.S.W.Anwane	https://youtu.be/GEaLJ2KI7SA
4	Dr.S.W.Anwane	https://youtu.be/_8646e-Jbzo
5	Dr.J.K.Keche	https://youtu.be/UbxYY_xdsCY
6	Dr.J.K.Keche	https://youtu.be/a7G6g0ayHKQ
7	Dr.J.K.Keche	https://youtu.be/G0wujCU02vs
8	Dr.J.K.Keche	https://youtu.be/ReLb429fUkA

Online Admission Process





Cloud Based ERP CCMS



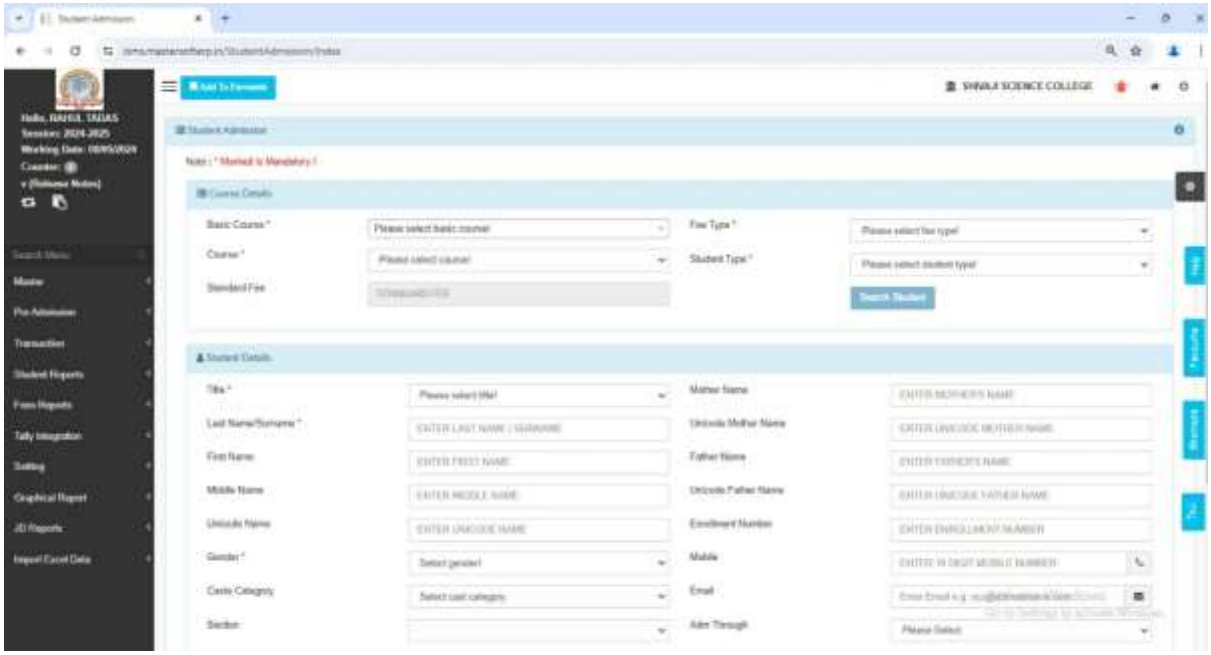
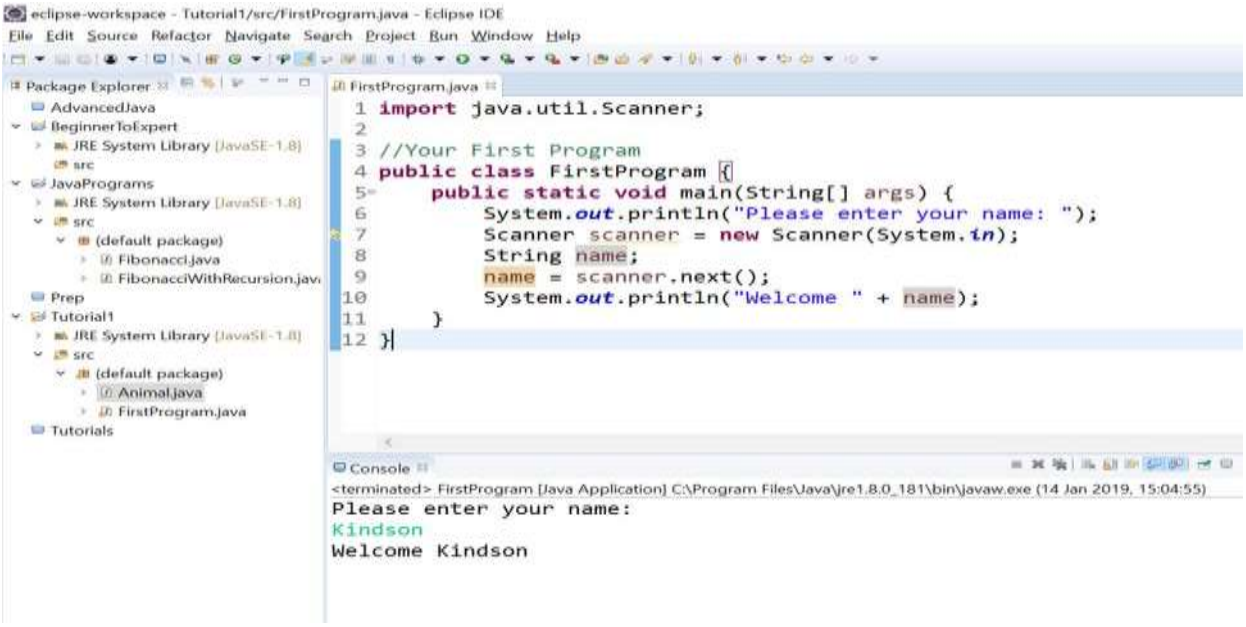
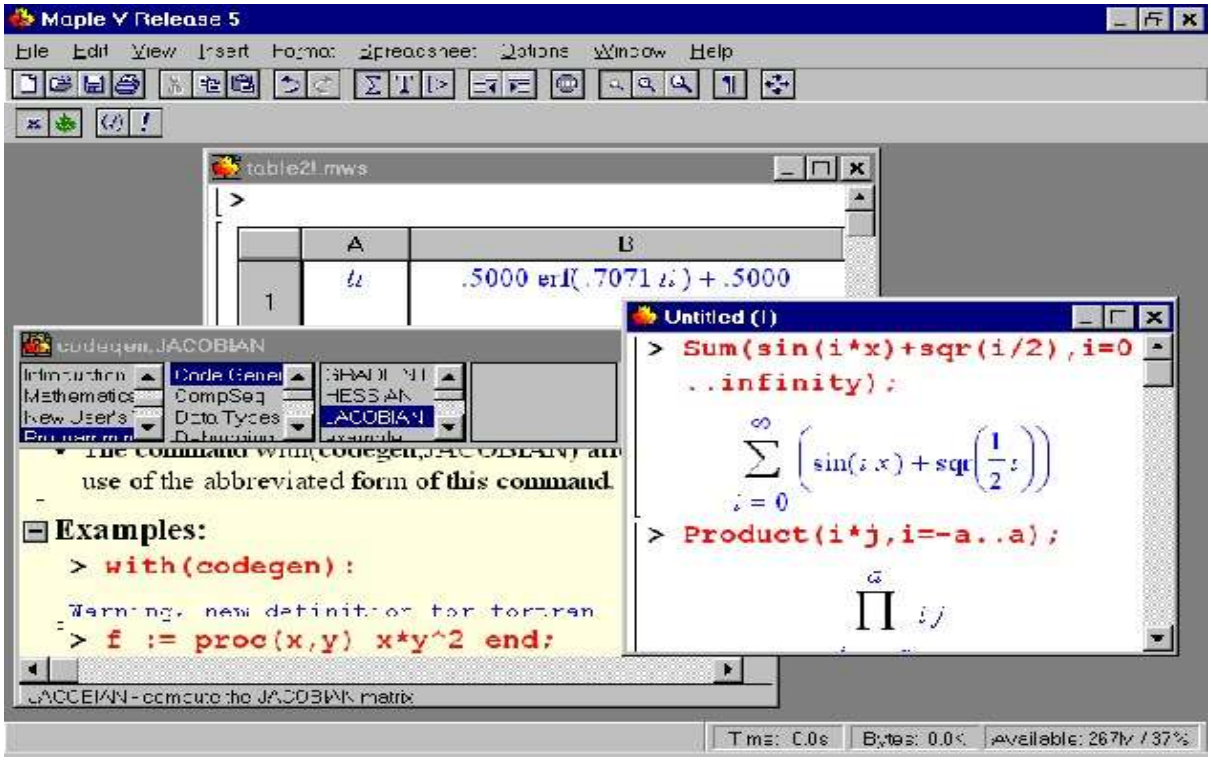
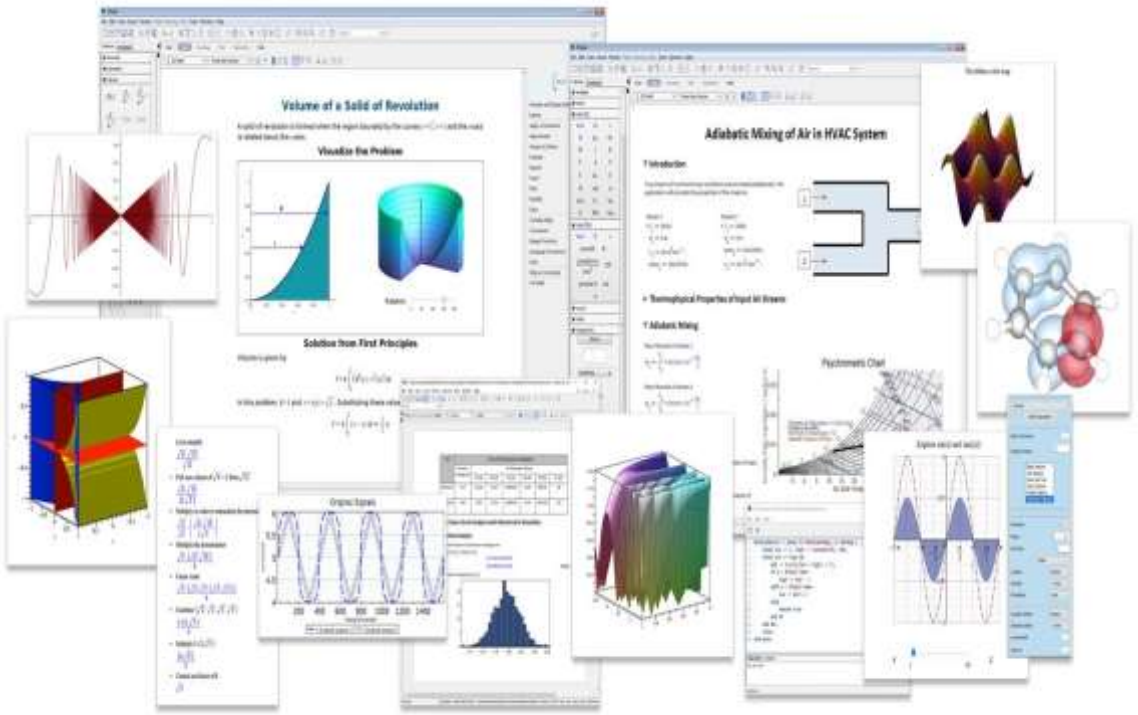


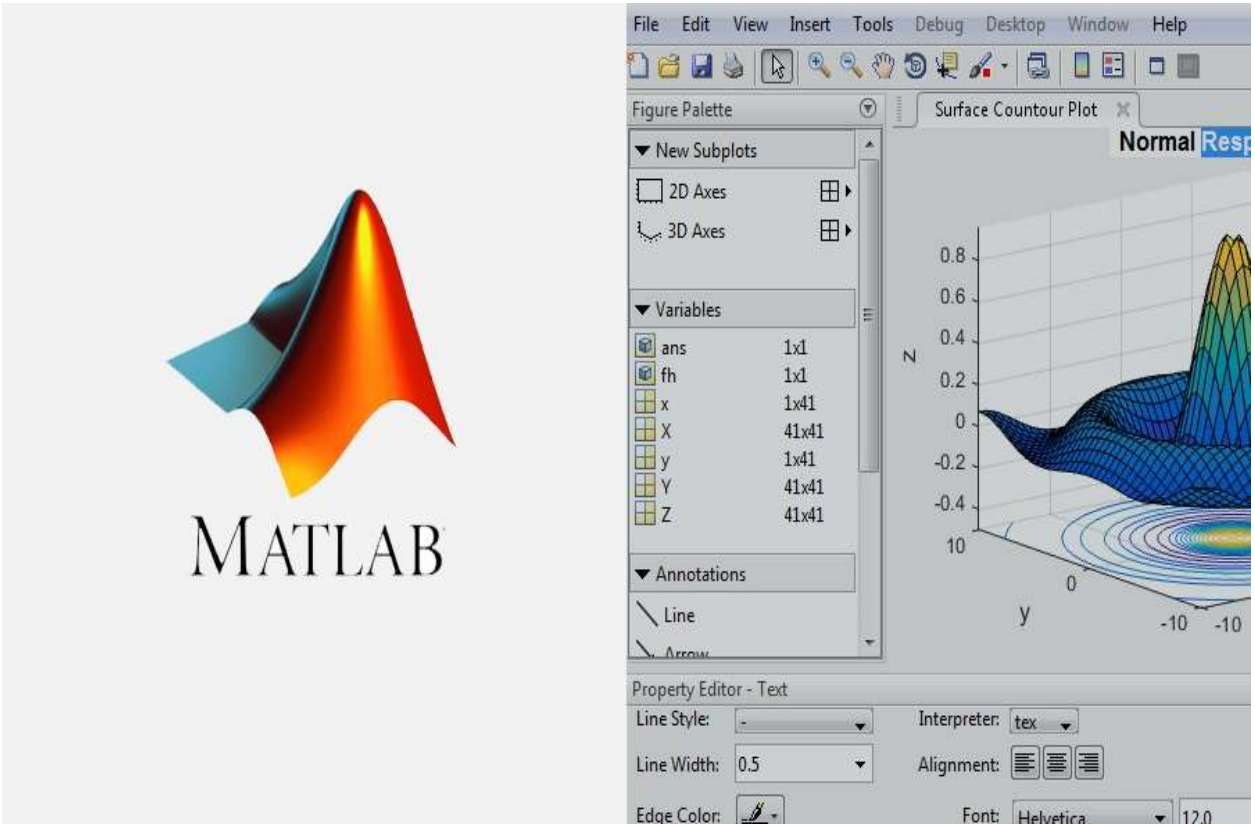
Photo of Software


eclipse-workspace - Tutorial1/src/FirstProgram.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
AdvancedJava
BeginnerToExpert
JRE System Library [JavaSE-1.8]
src
JavaPrograms
JRE System Library [JavaSE-1.8]
src
(default package)
Fibonacci.java
FibonacciWithRecursion.java
Prep
Tutorial1
JRE System Library [JavaSE-1.8]
src
(default package)
Animal.java
FirstProgram.java
Tutorials
FirstProgram.java
1 import java.util.Scanner;
2
3 //Your First Program
4 public class FirstProgram {
5 public static void main(String[] args) {
6 System.out.println("Please enter your name: ");
7 Scanner scanner = new Scanner(System.in);
8 String name;
9 name = scanner.next();
10 System.out.println("Welcome " + name);
11 }
12 }
Console
<terminated> FirstProgram [Java Application] C:\Program Files\Java\jre1.8.0_181\bin\javaw.exe (14 Jan 2019, 15:04:55)
Please enter your name:
Kindson
Welcome Kindson

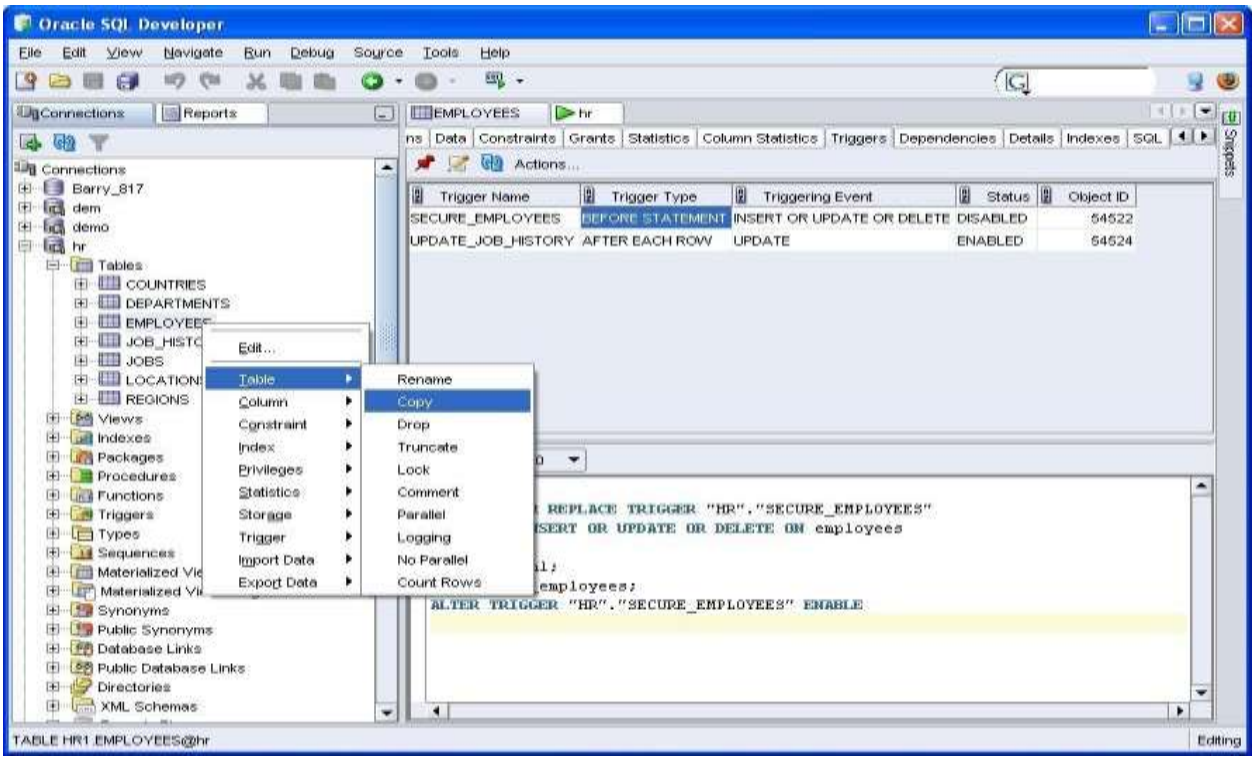

Maple V Release 5
File Edit View Insert Format Spreadsheet Options Window Help
table21.mws
A
B
.5000 erf(.7071 a) + .5000
Untitled (1)
> Sum(sin(i*x)+sqr(i/2),i=0..infinity);
> Product(i*j,i=-a..a);
codegen,JACOBIAN
Examples:
> with(codegen):
> f := proc(x,y) x*y^2 end;
Time: 0.0s
Bytes: 0.0k
available: 267M / 37%


Volume of a Solid of Revolution
Adiabatic Mixing of Air in HVAC System

MATLAB


MATLAB
File Edit View Insert Tools Debug Desktop Window Help
Figure Palette
Surface Countour Plot
Normal
New Subplots
2D Axes
3D Axes
Variables
ans 1x1
fh 1x1
x 1x41
X 41x41
y 1x41
Y 41x41
Z 41x41
Annotations
Line
Property Editor - Text
Line Style:
Interpreter: tex
Line Width: 0.5
Alignment:
Edge Color:
Font: Helvetica
12.0

ORACLE®
DATABASE


Oracle SQL Developer
File Edit View Navigate Run Debug Source Tools Help
Connections Reports
EMPLOYEES hr
ns Data Constraints Grants Statistics Column Statistics Triggers Dependencies Details Indexes SQL
Actions...
Trigger Name Trigger Type Triggering Event Status Object ID
SECURE_EMPLOYEES BEFORE STATEMENT INSERT OR UPDATE OR DELETE DISABLED 54522
UPDATE_JOB_HISTORY AFTER EACH ROW UPDATE ENABLED 54524
Connections
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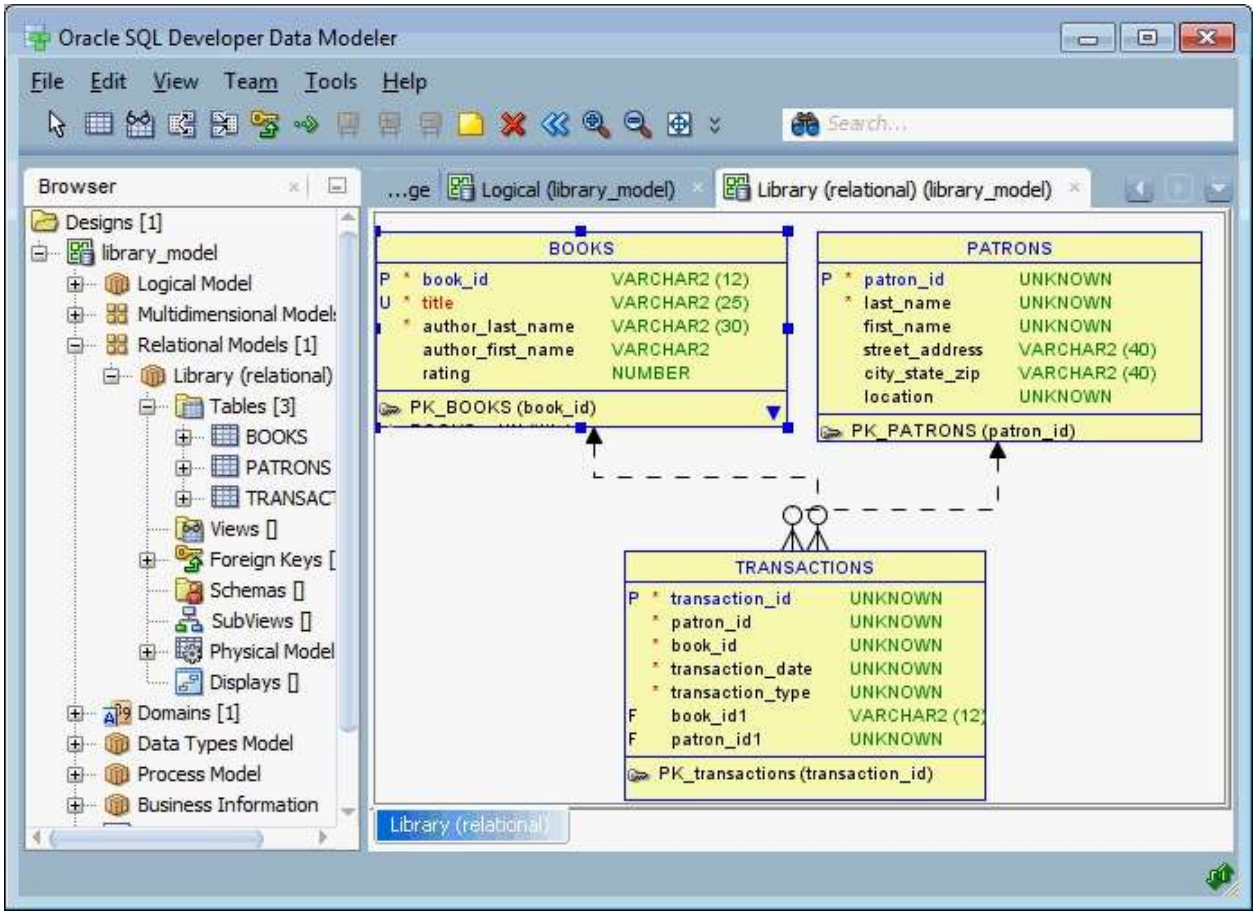
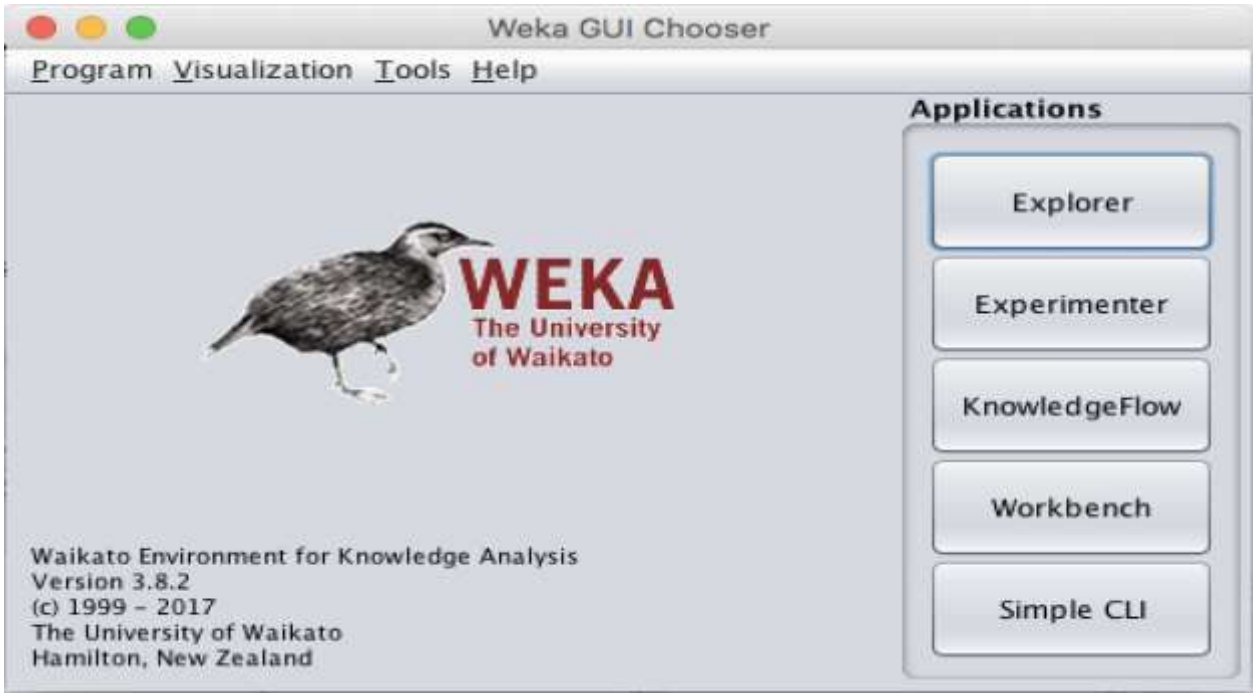
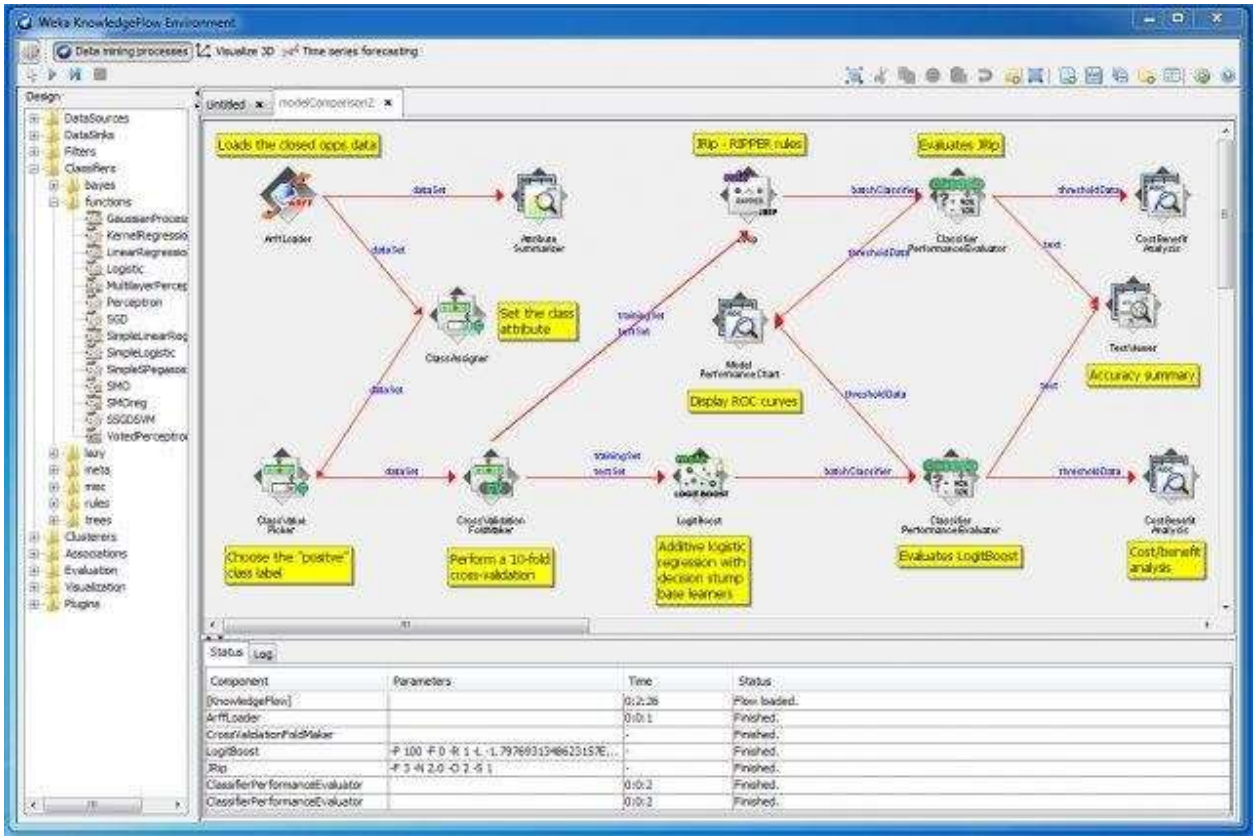
demo
hr
Tables
COUNTRIES
DEPARTMENTS
EMPLOYEES
JOB_HISTO
JOBS
LOCATIONS
REGIONS
Views
Indexes
Packages
Procedures
Functions
Triggers
Types
Sequences
Materialized Vie
Materialized Vi
Synonyms
Public Synonyms
Database Links
Public Database Links
Directories
XML Schemas
Edit...
Table
Column
Constraint
Index
Privileges
Statistics
Storage
Trigger
Import Data
Export Data
Rename
Copy
Drop
Truncate
Lock
Comment
Parallel
Logging
No Parallel
Count Rows
REPLACE TRIGGER "HR"."SECURE_EMPLOYEES"
NSERT OR UPDATE OR DELETE ON employees
il;
employees;
ALTER TRIGGER "HR"."SECURE_EMPLOYEES" ENABLE
TABLE HR1.EMPLOYEES@hr
Editing


Oracle SQL Developer Data Modeler
File Edit View Team Tools Help
Search...
Browser
Designs [1]
library_model
Logical Model
Multidimensional Model
Relational Models [1]
Library (relational)
Tables [3]
BOOKS
PATRONS
TRANSAC
Views []
Foreign Keys [
Schemas []
SubViews []
Physical Model
Displays []
Domains [1]
Data Types Model
Process Model
Business Information
...ge
Logical (library_model)
Library (relational) (library_model)
BOOKS
P * book_id VARCHAR2 (12)
U * title VARCHAR2 (25)
* author_last_name VARCHAR2 (30)
author_first_name VARCHAR2
rating NUMBER
PK_BOOKS (book_id)
PATRONS
P * patron_id UNKNOWN
* last_name UNKNOWN
first_name UNKNOWN
street_address VARCHAR2 (40)
city_state_zip VARCHAR2 (40)
location UNKNOWN
PK_PATRONS (patron_id)
TRANSACTIONS
P * transaction_id UNKNOWN
* patron_id UNKNOWN
* book_id UNKNOWN
* transaction_date UNKNOWN
* transaction_type UNKNOWN
F book_id1 VARCHAR2 (12)
F patron_id1 UNKNOWN
PK_transactions (transaction_id)
Library (relational)


Weka GUI Chooser
Program Visualization Tools Help
Applications
Explorer
Experimenter
KnowledgeFlow
Workbench
Simple CLI
WEKA
The University of Waikato
Waikato Environment for Knowledge Analysis
Version 3.8.2
(c) 1999 - 2017
The University of Waikato
Hamilton, New Zealand



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