Design DB model for Guvi Zen class

CREATE TABLE STUDENTS

(STUDENT TEXT);

INSERT INTO

STUDENTS(STUDENT)

VALUES

(1),

(2),

(3);

CREATE TABLE ZEN_CLASS

(

   DAY INTEGER,

   TOPIC TEXT,

   TASK TEXT,

   RECORDED_LINK TEXT,

   MENTOR VARCHAR(255) DEFAULT 'Thanmai'

);

INSERT INTO

ZEN_CLASS (DAY, TOPIC, TASK, RECORDED_LINK, MENTOR)

VALUES

(1, "Introduction to Browser & web", "Introduction to Browser & web", "Yes", "Thanmai"),

(2, "Request & Response cycle", "Request & Response cycle", "Yes", "Thanmai"),

(3, "JS array & objects", "Looping Of Arrays & Objects", "Yes", "Thanmai"),

(4, "What is XMLHTTP Request? & scope", "XMLHTTP Request", "Yes", "Thanmai"),

(5, "Functions", "IIFE & Annoymous Function", "Yes", "Thanmai"),

(6, "Functions recap", "Functions", "Yes", "Thanmai"),

(7, "ES5 vs ES6", "NIL", "Yes", "Thanmai"),

(8, "OOP", "OOP PROBLEMS", "Yes", "Thanmai"),

(9, "MRF Array Method", "MRF Method", "Yes", "Thanmai"),

(10, "Complete Recap", "NIL", "Yes", "Thanmai"),

(11, "HTML", "HTML & CSS Mini Task", "Yes", "Thanmai"),

(12, "HTML recap CSS", "NIL", "Yes", "Thanmai"),

(13, "CSS", "NIL", "Yes", "Thanmai"),

(14, "CSS", "NIL", "Yes", "Thanmai"),

(15, "Responsive web design", "NIL", "Yes", "Thanmai"),

(16, "Bootstrap design demo", "Responsive Design", "Yes", "Thanmai"),

(17, "DOM", "NIL", "Yes", "Thanmai"),

(18, "Document vs Window", "NIL", "Yes", "Thanmai"),

(19, "Recap of Topics", "CALCULATOR HTMLForms PAGINATION", "Yes", "Thanmai"),

(20, "Recap of Topics", "NIL", "Yes", "Thanmai"),

(21, "Callback", "Callback Hell", "Yes", "Thanmai"),

(22, "Promise", "NIL", "Yes", "Thanmai"),

(23, "Fetch Api", "NIL", "Yes", "Thanmai"),

(24, "Promise_fetch - request info & request init", "NIL", "Yes", "Thanmai"),

(25, "Recap of Topics", "3 API TASKS", "Yes", "Thanmai"),

(26, "REACT", "Pricing Table", "Yes", "Thanmai"),

(27, "React hooks & states", "Shop-Homepage", "Yes", "Thanmai"),

(28, "React components", "Dashboard", "Yes", "Thanmai"),

(29, "React router", "CRUD_Userlist", "Yes", "Thanmai"),

(30, "recap with previous day topics", "NIL", "Yes", "Thanmai"),

(31, "Context API", "API task completion using context", "Yes", "Thanmai"),

(32, "recap with previous day topics", "NIL", "Yes", "Thanmai"),

(33, "AXIOS", "CRUD using Axios", "Yes", "Thanmai"),

(34, "formik in react", "CRUD for product with validation", "Yes", "Thanmai"),

(35, "practice with formik & recap", "NIL", "Yes", "Thanmai"),

(36, "Database - MySQL", "MYSQL queries", "Yes", "Thanmai"),

(37, "Database - MySQL", "Design DB model for Guvi Zen class", "Yes", "Thanmai"),

(38, "Database - MongoDB", "MongoDB queries", "Yes", "Thanmai"),

(39, "MongoDB", "database-design-zen-class", "Yes", "Thanmai"),

(40, "Nodejs", "Nodejs file system", "Yes", "Thanmai"),

(41, "Nodejs & Expressjs", "Hall Booking Application", "Yes", "Thanmai"),

(42, "Node & mongo DB connectivity", "Mentor and Student Assigning with Database", "Yes", "Thanmai"),

(43, "Nodejs deployment", "Mentor and Student Assigning with Database", "Yes", "Thanmai"),

(44, "Authentication", "Password Reset Flow", "Yes", "Thanmai"),

(45, "JWT", "URL Shortener Application", "Yes", "Thanmai");

CREATE TABLE TASKS

(

   _STUDENT_ID INTEGER,

   NO_OF_DAYS INTEGER,

   TASK_COMPLETION TEXT

);

INSERT INTO TASKS

(_STUDENT_ID, NO_OF_DAYS, TASK_COMPLETION)

VALUES

(1, 1, "Yes"),

(1, 2, "Yes"),

(1, 3, "NO"),

(1, 4, "Yes"),

(1, 5, "Yes"),

(1, 5, "Yes"),

(1, 6, "Yes"),

(1, 7, "NIL"),

(1, 8, "Yes"),

(1, 9, "Yes"),

(1, 10, "NIL"),

(1, 11, "Yes"),

(1, 12, "NIL"),

(1, 13, "NIL"),

(1, 14, "NIL"),

(1, 15, "NIL"),

(1, 16, "Yes"),

(1, 17, "NIL"),

(1, 18, "NIL"),

(1, 19, "Yes"),

(1, 20, "NIL"),

(1, 21, "Yes"),

(1, 22, "NIL"),

(1, 23, "NIL"),

(1, 24, "NIL"),

(1, 25, "Yes"),

(1, 26, "NO"),

(1, 27, "Yes"),

(1, 28, "Yes"),

(1, 29, "Yes"),

(1, 30, "NIL"),

(1, 31, "Yes"),

(1, 32, "NIL"),

(1, 33, "Yes"),

(1, 34, "Yes"),

(1, 35, "NIL"),

(1, 36, "Yes"),

(1, 37, "Yes"),

(1, 38, "Yes"),

(1, 39, "Yes"),

(1, 40, "Yes"),

(1, 41, "Yes"),

(1, 42, "Yes"),

(1, 43, "Yes"),

(1, 44, "Yes"),

(1, 45, "Yes"),

(2, 1, "Yes"),

(2, 2, "Yes"),

(2, 3, "NO"),

(2, 4, "Yes"),

(2, 5, "Yes"),

(2, 5, "Yes"),

(2, 6, "Yes"),

(2, 7, "NIL"),

(2, 8, "Yes"),

(2, 9, "Yes"),

(2, 10, "NIL"),

(2, 11, "Yes"),

(2, 12, "NIL"),

(2, 13, "NIL"),

(2, 14, "NIL"),

(2, 15, "NIL"),

(2, 16, "Yes"),

(2, 17, "NIL"),

(2, 18, "NIL"),

(2, 19, "Yes"),

(2, 20, "NIL"),

(2, 21, "Yes"),

(2, 22, "NIL"),

(2, 23, "NIL"),

(2, 24, "NIL"),

(2, 25, "Yes"),

(2, 26, "NO"),

(2, 27, "Yes"),

(2, 28, "Yes"),

(2, 29, "Yes"),

(2, 30, "NIL"),

(2, 31, "NO"),

(2, 32, "NIL"),

(2, 33, "Yes"),

(2, 34, "Yes"),

(2, 35, "NIL"),

(2, 36, "NO"),

(2, 37, "Yes"),

(2, 38, "NO"),

(2, 39, "Yes"),

(2, 40, "Yes"),

(2, 41, "NO"),

(2, 42, "Yes"),

(2, 43, "Yes"),

(2, 44, "Yes"),

(2, 45, "Yes"),

(3, 1, "Yes"),

(3, 2, "Yes"),

(3, 3, "NO"),

(3, 4, "Yes"),

(3, 5, "Yes"),

(3, 5, "Yes"),

(3, 6, "Yes"),

(3, 7, "NIL"),

(3, 8, "Yes"),

(3, 9, "Yes"),

(3, 10, "NIL"),

(3, 11, "Yes"),

(3, 12, "NIL"),

(3, 13, "NIL"),

(3, 14, "NIL"),

(3, 15, "NIL"),

(3, 16, "Yes"),

(3, 17, "NIL"),

(3, 18, "NIL"),

(3, 19, "Yes"),

(3, 20, "NIL"),

(3, 21, "Yes"),

(3, 22, "NIL"),

(3, 23, "NIL"),

(3, 24, "NIL"),

(3, 25, "NO"),

(3, 26, "NO"),

(3, 27, "Yes"),

(3, 28, "Yes"),

(3, 29, "Yes"),

(3, 30, "NIL"),

(3, 31, "Yes"),

(3, 32, "NIL"),

(3, 33, "Yes"),

(3, 34, "Yes"),

(3, 35, "NIL"),

(3, 36, "Yes"),

(3, 37, "Yes"),

(3, 38, "Yes"),

(3, 39, "Yes"),

(3, 40, "Yes"),

(3, 41, "Yes"),

(3, 42, "NO"),

(3, 43, "NO"),

(3, 44, "NO"),

(3, 45, "NO");

-- Join Queries

SELECT * FROM STUDENTS

JOIN ZEN_CLASS;

SELECT STUDENT, TASK, TASK_COMPLETION

FROM STUDENTS

JOIN TASKS ON STUDENT = _STUDENT_ID

JOIN ZEN_CLASS ON DAY = NO_OF_DAYS

WHERE STUDENT = 3;

OUTPUT:

STUDENT	DAY	TOPIC	TASK	RECORDED_LINK	MENTOR
3	1	Introduction to Browser & web	Introduction to Browser & web	Yes	Thanmai
2	1	Introduction to Browser & web	Introduction to Browser & web	Yes	Thanmai
1	1	Introduction to Browser & web	Introduction to Browser & web	Yes	Thanmai
3	2	Request & Response cycle	Request & Response cycle	Yes	Thanmai
2	2	Request & Response cycle	Request & Response cycle	Yes	Thanmai
1	2	Request & Response cycle	Request & Response cycle	Yes	Thanmai
3	3	JS array & objects	Looping Of Arrays & Objects	Yes	Thanmai
2	3	JS array & objects	Looping Of Arrays & Objects	Yes	Thanmai
1	3	JS array & objects	Looping Of Arrays & Objects	Yes	Thanmai
3	4	What is XMLHTTP Request? & scope	XMLHTTP Request	Yes	Thanmai
2	4	What is XMLHTTP Request? & scope	XMLHTTP Request	Yes	Thanmai
1	4	What is XMLHTTP Request? & scope	XMLHTTP Request	Yes	Thanmai
3	5	Functions	IIFE & Annoymous Function	Yes	Thanmai
2	5	Functions	IIFE & Annoymous Function	Yes	Thanmai
1	5	Functions	IIFE & Annoymous Function	Yes	Thanmai
3	6	Functions recap	Functions	Yes	Thanmai
2	6	Functions recap	Functions	Yes	Thanmai
1	6	Functions recap	Functions	Yes	Thanmai
3	7	ES5 vs ES6	NIL	Yes	Thanmai
2	7	ES5 vs ES6	NIL	Yes	Thanmai
1	7	ES5 vs ES6	NIL	Yes	Thanmai
3	8	OOP	OOP PROBLEMS	Yes	Thanmai
2	8	OOP	OOP PROBLEMS	Yes	Thanmai

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| 1    |    8 | OOP                                          | OOP PROBLEMS                    | Yes      | Thanmai |
| 3    |    9 | MRF Array Method                             | MRF Method                      | Yes      | Thanmai |
| 2    |    9 | MRF Array Method                             | MRF Method                      | Yes      | Thanmai |
| 1    |    9 | MRF Array Method                             | MRF Method                      | Yes      | Thanmai |
| 3    |   10 | Complete Recap                               | NIL                             | Yes      | Thanmai |
| 2    |   10 | Complete Recap                               | NIL                             | Yes      | Thanmai |
| 1    |   10 | Complete Recap                               | NIL                             | Yes      | Thanmai |
| 3    |   11 | HTML                                         | HTML & CSS Mini Task            | Yes      | Thanmai |
| 2    |   11 | HTML                                         | HTML & CSS Mini Task            | Yes      | Thanmai |
| 1    |   11 | HTML                                         | HTML & CSS Mini Task            | Yes      | Thanmai |
| 3    |   12 | HTML recap CSS                               | NIL                             | Yes      | Thanmai |
| 2    |   12 | HTML recap CSS                               | NIL                             | Yes      | Thanmai |
| 1    |   12 | HTML recap CSS                               | NIL                             | Yes      | Thanmai |
| 3    |   13 | CSS                                          | NIL                             | Yes      | Thanmai |
| 2    |   13 | CSS                                          | NIL                             | Yes      | Thanmai |
| 1    |   13 | CSS                                          | NIL                             | Yes      | Thanmai |
| 3    |   14 | CSS                                          | NIL                             | Yes      | Thanmai |
| 2    |   14 | CSS                                          | NIL                             | Yes      | Thanmai |
| 1    |   14 | CSS                                          | NIL                             | Yes      | Thanmai |
| 3    |   15 | Responsive web design                        | NIL                             | Yes      | Thanmai |
| 2    |   15 | Responsive web design                        | NIL                             | Yes      | Thanmai |
| 1    |   15 | Responsive web design                        | NIL                             | Yes      | Thanmai |
| 3    |   16 | Bootstrap design demo                        | Responsive Design              | Yes      | Thanmai |
| 2    |   16 | Bootstrap design demo                        | Responsive Design              | Yes      | Thanmai |
| 1    |   16 | Bootstrap design demo                        | Responsive Design              | Yes      | Thanmai |
| 3    |   17 | DOM                                          | NIL                             | Yes      | Thanmai |

| 2    |   17 | DOM                                          | NIL                             | Yes      | Thanmai |
| 1    |   17 | DOM                                          | NIL                             | Yes      | Thanmai |
| 3    |   18 | Document vs Window                           | NIL                             | Yes      | Thanmai |
| 2    |   18 | Document vs Window                           | NIL                             | Yes      | Thanmai |
| 1    |   18 | Document vs Window                           | NIL                             | Yes      | Thanmai |
| 3    |   19 | Recap of Topics                              | CALCULATOR HTMLForms PAGINATION | Yes      | Thanmai |
| 2    |   19 | Recap of Topics                              | CALCULATOR HTMLForms PAGINATION | Yes      | Thanmai |
| 1    |   19 | Recap of Topics                              | CALCULATOR HTMLForms PAGINATION | Yes      | Thanmai |
| 3    |   20 | Recap of Topics                              | NIL                             | Yes      | Thanmai |
| 2    |   20 | Recap of Topics                              | NIL                             | Yes      | Thanmai |
| 1    |   20 | Recap of Topics                              | NIL                             | Yes      | Thanmai |
| 3    |   21 | Callback                                     | Callback *****                  | Yes      | Thanmai |
| 2    |   21 | Callback                                     | Callback *****                  | Yes      | Thanmai |
| 1    |   21 | Callback                                     | Callback *****                  | Yes      | Thanmai |
| 3    |   22 | Promise                                      | NIL                             | Yes      | Thanmai |
| 2    |   22 | Promise                                      | NIL                             | Yes      | Thanmai |
| 1    |   22 | Promise                                      | NIL                             | Yes      | Thanmai |
| 3    |   23 | Fetch Api                                    | NIL                             | Yes      | Thanmai |
| 2    |   23 | Fetch Api                                    | NIL                             | Yes      | Thanmai |
| 1    |   23 | Fetch Api                                    | NIL                             | Yes      | Thanmai |
| 3    |   24 | Promise_fetch - request info & request init  | NIL                             | Yes      | Thanmai |
| 2    |   24 | Promise_fetch - request info & request init  | NIL                             | Yes      | Thanmai |
| 1    |   24 | Promise_fetch - request info & request init  | NIL                             | Yes      | Thanmai |
| 3    |   25 | Recap of Topics                              | 3 API TASKS                     | Yes      | Thanmai |
| 2    |   25 | Recap of Topics                              | 3 API TASKS                     | Yes      | Thanmai |
| 1    |   25 | Recap of Topics                              | 3 API TASKS                     | Yes      | Thanmai |
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3	26	REACT	Pricing Table	Yes	Thanmai
2	26	REACT	Pricing Table	Yes	Thanmai
1	26	REACT	Pricing Table	Yes	Thanmai
3	27	React hooks & states	Shop-Homepage	Yes	Thanmai
2	27	React hooks & states	Shop-Homepage	Yes	Thanmai
1	27	React hooks & states	Shop-Homepage	Yes	Thanmai
3	28	React components	Dashboard	Yes	Thanmai
2	28	React components	Dashboard	Yes	Thanmai
1	28	React components	Dashboard	Yes	Thanmai
3	29	React router	CRUD_Userlist	Yes	Thanmai
2	29	React router	CRUD_Userlist	Yes	Thanmai
1	29	React router	CRUD_Userlist	Yes	Thanmai
3	30	recap with previous day topics	NIL	Yes	Thanmai
2	30	recap with previous day topics	NIL	Yes	Thanmai
1	30	recap with previous day topics	NIL	Yes	Thanmai
3	31	Context API	API task completion using context	Yes	Thanmai
2	31	Context API	API task completion using context	Yes	Thanmai
1	31	Context API	API task completion using context	Yes	Thanmai
3	32	recap with previous day topics	NIL	Yes	Thanmai
2	32	recap with previous day topics	NIL	Yes	Thanmai
1	32	recap with previous day topics	NIL	Yes	Thanmai
3	33	AXIOS	CRUD using Axios	Yes	Thanmai
2	33	AXIOS	CRUD using Axios	Yes	Thanmai
1	33	AXIOS	CRUD using Axios	Yes	Thanmai
3	34	formik in react	CRUD for product with validation	Yes	Thanmai
2	34	formik in react	CRUD for product with validation	Yes	Thanmai
1	34	formik in react	CRUD for product with validation	Yes	Thanmai
3	35	practice with formik & recap	NIL	Yes	Thanmai
2	35	practice with formik & recap	NIL	Yes	Thanmai
1	35	practice with formik & recap	NIL	Yes	Thanmai
3	36	Database - MySQL	MYSQL queries	Yes	Thanmai
2	36	Database - MySQL	MYSQL queries	Yes	Thanmai
1	36	Database - MySQL	MYSQL queries	Yes	Thanmai
3	37	Database - MySQL	Design DB model for Guvi Zen class	Yes	Thanmai
2	37	Database - MySQL	Design DB model for Guvi Zen class	Yes	Thanmai
1	37	Database - MySQL	Design DB model for Guvi Zen class	Yes	Thanmai
3	38	Database - MongoDB	MongoDB queries	Yes	Thanmai
2	38	Database - MongoDB	MongoDB queries	Yes	Thanmai
1	38	Database - MongoDB	MongoDB queries	Yes	Thanmai
3	39	MongoDB	database-design-zen-class	Yes	Thanmai
2	39	MongoDB	database-design-zen-class	Yes	Thanmai
1	39	MongoDB	database-design-zen-class	Yes	Thanmai
3	40	Nodejs	Nodejs file system	Yes	Thanmai
2	40	Nodejs	Nodejs file system	Yes	Thanmai
1	40	Nodejs	Nodejs file system	Yes	Thanmai
3	41	Nodejs & Expressjs	Hall Booking Application	Yes	Thanmai
2	41	Nodejs & Expressjs	Hall Booking Application	Yes	Thanmai
1	41	Nodejs & Expressjs	Hall Booking Application	Yes	Thanmai
3	42	Node & mongo DB connectivity	Mentor and Student Assigning with Database	Yes	Thanmai
2	42	Node & mongo DB connectivity	Mentor and Student Assigning with Database	Yes	Thanmai
1	42	Node & mongo DB connectivity	Mentor and Student Assigning with Database	Yes	Thanmai
3	43	Nodejs deployment	Mentor and Student Assigning with Database	Yes	Thanmai
2	43	Nodejs deployment	Mentor and Student Assigning with Database	Yes	Thanmai
1	43	Nodejs deployment	Mentor and Student Assigning with Database	Yes	Thanmai
3	44	Authentication	Password Reset Flow	Yes	Thanmai
2	44	Authentication	Password Reset Flow	Yes	Thanmai
1	44	Authentication	Password Reset Flow	Yes	Thanmai
3	45	JWT	URL Shortener Application	Yes	Thanmai
2	45	JWT	URL Shortener Application	Yes	Thanmai
1	45	JWT	URL Shortener Application	Yes	Thanmai
+---------+------+--------------------------------+--+---------------+---------+

STUDENT	TASK	TASK_COMPLETION
3	Introduction to Browser & web	Yes
3	Request & Response cycle	Yes
3	Looping Of Arrays & Objects	NO
3	XMLHTTP Request	Yes
3	IIFE & Annoymous Function	Yes
3	IIFE & Annoymous Function	Yes
3	Functions	Yes
3	NIL	NIL
3	OOP PROBLEMS	Yes
3	MRF Method	Yes
3	NIL	NIL
3	HTML & CSS Mini Task	Yes
3	NIL	NIL
3	NIL	NIL
3	NIL	NIL
3	NIL	NIL
3	Responsive Design	Yes
3	NIL	NIL
3	NIL	NIL
3	CALCULATOR HTMLForms PAGINATION	Yes
3	NIL	NIL
3	Callback *****	Yes
3	NIL	NIL

3	Callback *****	Yes
3	NIL	NIL
3	NIL	NIL
3	NIL	NIL
3	3 API TASKS	NO
3	Pricing Table	NO
3	Shop-Homepage	Yes
3	Dashboard	Yes
3	CRUD_Userlist	Yes
3	NIL	NIL
3	API task completion using context	Yes
3	NIL	NIL
3	CRUD using Axios	Yes
3	CRUD for product with validation	Yes
3	NIL	NIL
3	MYSQL queries	Yes
3	Design DB model for Guvi Zen class	Yes
3	MongoDB queries	Yes
3	database-design-zen-class	Yes
3	Nodejs file system	Yes
3	Hall Booking Application	Yes
3	Mentor and Student Assigning with Database	NO
3	Mentor and Student Assigning with Database	NO
3	Password Reset Flow	NO
3	URL Shortener Application	NO