SCHOOL_TEACHER
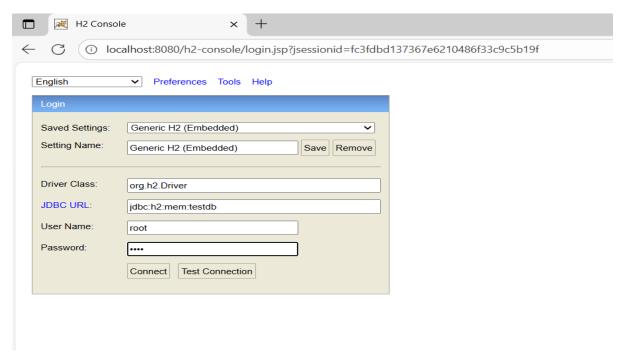
http://localhost:8080/h2-console Open the url in the browser

TEACHER ENDPOINTS

@PostMapping("/createTeacher")


```
SELECT * FROM TEACHER;
```

ID	AGE	DOB	EXPERIENCE	QUALIFICATION	TEACHER_ADDRESS	TEACHER_NAME
1	30	1995-01-15	15	BSC	Hyderabad	Krishna
2	40	1985-01-18	7	BSC	Chennai	Askok
3	30	1995-01-18	5	BSC	Vizag	Archana
4	27	1998-05-20	3	PHD	Kurnool	Anjali
5	27	1998-05-24	3	PHD	Godavari	Sai
6	30	1995-10-30	5	BSC	Kochi	Akshara

(6 rows, 2 ms)

@GetMapping("/getAllTeachers")

```
http://localhost:8080/getAllTeachers                                                Save  ∨    Share  🔗

GET  ∨    http://localhost:8080/getAllTeachers                                                    Send  ∨

Params  Authorization  Headers (7)  Body  Scripts  Tests  Settings                              Cookies

Body  Cookies  Headers (5)  Test Results                              200 OK · 124 ms · 908 B

{} JSON ∨    Preview   Visualize ∨

 1  [
 2      {
 3          "id": 1,
 4          "teacherName": "Krishna",
 5          "teacherAddress": "Hyderabad",
 6          "qualification": "BSC",
 7          "age": 30,
 8          "dob": "1995-01-15",
 9          "experience": 15
10      },
11      {
12          "id": 2,
13          "teacherName": "Askok",
14          "teacherAddress": "Chennai",
15          "qualification": "BSC",
16          "age": 40,
17          "dob": "1985-01-18",
18          "experience": 7
19      },
```

```
http://localhost:8080/getAllTeachers                                                Save  ∨    Share  🔗

GET  ∨    http://localhost:8080/getAllTeachers                                                    Send  ∨

Params  Authorization  Headers (7)  Body  Scripts  Tests  Settings                              Cookies

Body  Cookies  Headers (5)  Test Results                              200 OK · 124 ms · 908 B

{} JSON ∨    Preview   Visualize ∨

20      {
21          "id": 3,
22          "teacherName": "Archana",
23          "teacherAddress": "Vizag",
24          "qualification": "BSC",
25          "age": 30,
26          "dob": "1995-01-18",
27          "experience": 5
28      },
29      {
30          "id": 4,
31          "teacherName": "Anjali",
32          "teacherAddress": "Kurnool",
33          "qualification": "PHD",
34          "age": 27,
35          "dob": "1998-05-20",
36          "experience": 3
37      },
```

```
http://localhost:8080/getAllTeachers                                                Save  ∨    Share  🔗

GET  ∨    http://localhost:8080/getAllTeachers                                                    Send  ∨

Params  Authorization  Headers (7)  Body  Scripts  Tests  Settings                              Cookies

Body  Cookies  Headers (5)  Test Results                              200 OK · 124 ms · 908 B

{} JSON ∨    Preview   Visualize ∨

30          "id": 4,
31          "teacherName": "Anjali",
32          "teacherAddress": "Kurnool",
33          "qualification": "PHD",
34          "age": 27,
35          "dob": "1998-05-20",
36          "experience": 3
37      },
38      {
39          "id": 5,
40          "teacherName": "Sai",
41          "teacherAddress": "Godavari",
42          "qualification": "PHD",
43          "age": 27,
44          "dob": "1998-05-24",
45          "experience": 3
46      },
47      {
48          "id": 6,
49          "teacherName": "Akshara",
50          "teacherAddress": "Kochi",
51          "qualification": "BSC",
52          "age": 30,
53          "dob": "1995-10-30",
54          "experience": 5
55      }
56  ]
```

@GetMapping("/getTeacherById/{id}")

http://localhost:8080/getTeacherById/4

| GET | http://localhost:8080/getTeacherById/4 |

Params   Authorization   Headers (7)   Body   Scripts   Tests   Settings

Query Params

Key	Value	Description

Body   Cookies   Headers (5)   Test Results

JSON   ▷ Preview   Visualize

```json
{
    "id": 4,
    "teacherName": "Anjali",
    "teacherAddress": "Kurnool",
    "qualification": "PHD",
    "age": 27,
    "dob": "1998-05-20",
    "experience": 3
}
```

@PutMapping("/updateteacher/{id}")

http://localhost:8080/updateteacher/6   Save   Share

| PUT | http://localhost:8080/updateteacher/6 | Send |

Params   Authorization   Headers (9)   Body ●   Scripts   Tests   Settings   Cookies

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL   JSON   Beautify

```json
{
    "teacherName": "Akshara",
    "teacherAddress": "Kochi",
    "qualification": "BSC",
    "age": 33,
    "dob": "1992-10-30",
    "experience": 7
}
```

Body   Cookies   Headers (5)   Test Results   200 OK   25 ms   286 B

JSON   ▷ Preview   Visualize

```json
{
    "id": 6,
    "teacherName": "Akshara",
    "teacherAddress": "Kochi",
    "qualification": "BSC",
    "age": 33,
    "dob": "1992-10-30",
    "experience": 7
}
```

| Run | Run Selected | Auto complete | Clear | SQL statement: |

```sql
SELECT * FROM TEACHER
```

SELECT * FROM TEACHER;

ID	AGE	DOB	EXPERIENCE	QUALIFICATION	TEACHER_ADDRESS	TEACHER_NAME
1	30	1995-01-15	15	BSC	Hyderabad	Krishna
2	40	1985-01-18	7	BSC	Chennai	Askok
3	30	1995-01-18	5	BSC	Vizag	Archana
4	27	1998-05-20	3	PHD	Kurnool	Anjali
5	27	1998-05-24	3	PHD	Godavari	Sai
6	33	1992-10-30	7	BSC	Kochi	Akshara

(6 rows, 0 ms)

@DeleteMapping("/deleteTeacher/{id}")

http://localhost:8080/deleteTeacher/5

Save Share

DELETE   http://localhost:8080/deleteTeacher/5   Send

Params Authorization Headers (7) Body Scripts Tests Settings   Cookies
Query Params

| Run | Run Selected | Auto complete | Clear | SQL statement: |

SELECT * FROM TEACHER

SELECT * FROM TEACHER;

ID	AGE	DOB	EXPERIENCE	QUALIFICATION	TEACHER_ADDRESS	TEACHER_NAME
1	30	1995-01-15	15	BSC	Hyderabad	Krishna
2	40	1985-01-18	7	BSC	Chennai	Askok
3	30	1995-01-18	5	BSC	Vizag	Archana
4	27	1998-05-20	3	PHD	Kurnool	Anjali
6	33	1992-10-30	7	BSC	Kochi	Akshara

(5 rows, 0 ms)

@GetMapping("/getTeachersByExperienceGreaterThan/{experience}")

http://localhost:8080/getTeachersByExperienceGreaterThan/5

Save Share

GET   http://localhost:8080/getTeachersByExperienceGreaterThan/5   Send

Params Authorization Headers (7) Body Scripts Tests Settings   Cookies
Query Params

| Key | Value | Description | Bulk Edit |

Body Cookies Headers (5) Test Results   200 OK · 31 ms · 539 B
{} JSON   Preview   Visualize

```json
1   [
2       {
3           "id": 1,
4           "teacherName": "Krishna",
5           "teacherAddress": "Hyderabad",
6           "qualification": "BSC",
7           "age": 30,
8           "dob": "1995-01-15",
9           "experience": 15
10      },
11      {
12          "id": 2,
13          "teacherName": "Askok",
14          "teacherAddress": "Chennai",
15          "qualification": "BSC",
16          "age": 40,
17          "dob": "1985-01-18",
18          "experience": 7
19      },
```

http://localhost:8080/getTeachersByExperienceGreaterThan/5

GET   http://localhost:8080/getTeachersByExperienceGreaterThan/5

Params Authorization Headers (7) Body Scripts Tests Settings
Query Params

| Key | Value |

Body Cookies Headers (5) Test Results
{} JSON   Preview   Visualize

```json
7           "age": 30,
8           "dob": "1995-01-15",
9           "experience": 15
10      },
11      {
12          "id": 2,
13          "teacherName": "Askok",
14          "teacherAddress": "Chennai",
15          "qualification": "BSC",
16          "age": 40,
17          "dob": "1985-01-18",
18          "experience": 7
19      },
20      {
21          "id": 6,
22          "teacherName": "Akshara",
23          "teacherAddress": "Kochi",
24          "qualification": "BSC",
25          "age": 33,
26          "dob": "1992-10-30",
27          "experience": 7
28      }
29  ]
```

@GetMapping("/getTeachersOlderThanNative/{age}")

```
http://localhost:8080/getTeachersOlderThanNative/30

GET ∨        http://localhost:8080/getTeachersOlderThanNative/30

Params   Authorization   Headers (7)   Body   Scripts   Tests   Settings

Body   Cookies   Headers (5)   Test Results          🕔

{} JSON ∨    ▷ Preview    ⚙ Visualize    ∨

 1  [
 2      {
 3          "id": 2,
 4          "teacherName": "Askok",
 5          "teacherAddress": "Chennai",
 6          "qualification": "BSC",
 7          "age": 40,
 8          "dob": "1985-01-18",
 9          "experience": 7
10      },
11      {
12          "id": 6,
13          "teacherName": "Akshara",
14          "teacherAddress": "Kochi",
15          "qualification": "BSC",
16          "age": 33,
17          "dob": "1992-10-30",
18          "experience": 7
19      }
20  ]
```

SCHOOL ENDPOINTS

@PostMapping("/addSchool")

```
http://localhost:8080/addSchool                              💾 Save ∨   Share 🔗

POST ∨     http://localhost:8080/addSchool                           Send ∨
```

| Run | Run Selected | Auto complete | Clear | SQL statement: |

```
SELECT * FROM  SCHOOL  |
```

SELECT * FROM SCHOOL;

ID	SCHOOL_ADDRESS	SCHOOL_NAME	TEACHER_ID
1	Hyderabad	ABC School	7
2	Mumbai	Middle School	8
3	Delhi	Chaithanya School	9
4	Vizag	Narayana School	10
5	Banglore	Krishnaveni School	11

(5 rows, 10 ms)

SELECT * FROM   TEACHER

SELECT * FROM   TEACHER;

ID	AGE	DOB	EXPERIENCE	QUALIFICATION	TEACHER_ADDRESS	TEACHER_NAME
1	30	1995-01-15	15	BSC	Hyderabad	Krishna
2	40	1985-01-18	7	BSC	Chennai	Askok
3	30	1995-01-18	5	BSC	Vizag	Archana
4	27	1998-05-20	3	PHD	Kurnool	Anjali
6	33	1992-10-30	7	BSC	Kochi	Akshara
7	30	1995-01-15	15	BSC	Hyderabad	Krishna
8	40	1985-01-18	7	MSC	Chennai	Arjun
9	30	1995-01-25	5	PHD	Banglore	Akash
10	27	1998-05-20	3	PHD	Kochi	Akhil
11	27	1998-05-24	3	BSC	Gujarat	SaiKrishna

(10 rows, 0 ms)

@GetMapping("/getSchool")

```
http://localhost:8080/getSchool

GET    http://localhost:8080/getSchool          Send

Params  Authorization  Headers (7)  Body  Scripts  Tests  Settings

Body  Cookies  Headers (5)  Test Results          200 OK · 65 ms · 1.14 KB

{} JSON    Preview   Visualize

1  [
2      {
3          "id": 1,
4          "schoolName": "ABC School",
5          "schoolAddress": "Hyderabad",
6          "teachers": {
7              "id": 7,
8              "teacherName": "Krishna",
9              "teacherAddress": "Hyderabad",
10             "qualification": "BSC",
11             "age": 30,
12             "dob": "1995-01-15",
13             "experience": 15
14         }
15     },
16     {
17         "id": 2,
18         "schoolName": "Middle School",
19         "schoolAddress": "Mumbai",
20         "teachers": {
21             "id": 8,
22             "teacherName": "Arjun",
23             "teacherAddress": "Chennai",
24             "qualification": "MSC",
25             "age": 40,
26             "dob": "1985-01-18",
27             "experience": 7
```

```json
{
    "id": 3,
    "schoolName": "Chaithanya School",
    "schoolAddress": "Delhi",
    "teachers": {
        "id": 9,
        "teacherName": "Akash",
        "teacherAddress": "Banglore",
        "qualification": "PHD",
        "age": 30,
        "dob": "1995-01-25",
        "experience": 5
    }
},
{
    "id": 4,
    "schoolName": "Narayana School",
    "schoolAddress": "Vizag",
    "teachers": {
        "id": 10,
        "teacherName": "Akhil",
        "teacherAddress": "Kochi",
        "qualification": "PHD",
        "age": 27,
        "dob": "1998-05-20",
        "experience": 3
```

```json
    "schoolName": "Narayana School",
    "schoolAddress": "Vizag",
    "teachers": {
        "id": 10,
        "teacherName": "Akhil",
        "teacherAddress": "Kochi",
        "qualification": "PHD",
        "age": 27,
        "dob": "1998-05-20",
        "experience": 3
    }
},
{
    "id": 5,
    "schoolName": "Krishnaveni School",
    "schoolAddress": "Banglore",
    "teachers": {
        "id": 11,
        "teacherName": "SaiKrishna",
        "teacherAddress": "Gujarat",
        "qualification": "BSC",
        "age": 27,
        "dob": "1998-05-24",
        "experience": 3
    }
}
]
```

@GetMapping("/getSchool/{id}")

```json
{
    "id": 4,
    "schoolName": "Narayana School",
    "schoolAddress": "Vizag",
    "teachers": {
        "id": 10,
        "teacherName": "Akhil",
        "teacherAddress": "Kochi",
        "qualification": "PHD",
        "age": 27,
        "dob": "1998-05-20",
        "experience": 3
    }
}
```

@PutMapping("updateSchool/{id}")

http://localhost:8080/updateSchool/1   Save   Share

PUT ▾   http://localhost:8080/updateSchool/1   Send ▾

Params   Authorization   Headers (9)   Body •   Scripts   Tests   Settings   Cookies
○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL   JSON ▾   Beautify

1   {
2
3   "schoolName": "JPHS School",
4   "schoolAddress": "Hyderabad",
5   "teachers": {
6
7   "teacherName": "Krishna",
8   "teacherAddress": "Banglore",
9   "qualification": "BSC",
10   "age": 30,
11   "dob": "1995-01-15",
12   "experience": 15
13   }
14   }

Run | Run Selected | Auto complete | Clear | SQL statement:

SELECT * FROM |SCHOOL

SELECT * FROM   SCHOOL;

ID	SCHOOL_ADDRESS	SCHOOL_NAME	TEACHER_ID
1	Hyderabad	JPHS School	12
2	Mumbai	Middle School	8
3	Delhi	Chaithanya School	9
4	Vizag	Narayana School	10
5	Banglore	Krishnaveni School	11

(5 rows, 0 ms)

@DeleteMapping("/deleteSchoolById/{id}")

http://localhost:8080/deleteSchoolById/5   Save   Share

DELETE ▾   http://localhost:8080/deleteSchoolById/5   Send ▾

Params   Authorization   Headers (7)   Body   Scripts   Tests   Settings   Cookies
Query Params

```
SELECT * FROM    SCHOOL
```

SELECT * FROM   SCHOOL;

ID	SCHOOL_ADDRESS	SCHOOL_NAME	TEACHER_ID
1	Hyderabad	JPHS School	12
2	Mumbai	Middle School	8
3	Delhi	Chaithanya School	9
4	Vizag	Narayana School	10

(4 rows, 0 ms)

@GetMapping("/searchSchoolByName/{schoolName}")

HTTP http://localhost:8080/searchSchoolByName/Middle School

| GET ∨ | http://localhost:8080/searchSchoolByName/Middle School |

Params   Authorization   Headers (7)   Body   Scripts   Tests   Settings

○ none   ○ form-data   ○ x-www-form-urlencoded   ○ raw   ○ binary   ○ GraphQL

This request does not have a I

Body   Cookies   Headers (5)   Test Results

{} JSON ∨   ▷ Preview   Visualize   ∨

```
 1   [
 2       {
 3           "id": 2,
 4           "schoolName": "Middle School",
 5           "schoolAddress": "Mumbai",
 6           "teachers": {
 7               "id": 8,
 8               "teacherName": "Arjun",
 9               "teacherAddress": "Chennai",
10               "qualification": "MSC",
11               "age": 40,
12               "dob": "1985-01-18",
13               "experience": 7
14           }
15       }
16   ]
```

@GetMapping("/getSchoolByAddress/{schoolAddress}")

http://localhost:8080/getSchoolByAddress/Hyderabad

GET ∨	http://localhost:8080/getSchoolByAddress/Hyderabad

Params   Authorization   Headers (7)   Body   Scripts   Tests   Settings

Query Params

Key	Value

Body   Cookies   Headers (5)   Test Results

{} JSON ∨   ▷ Preview   Visualize   ∨

```
 1   [
 2       {
 3           "id": 1,
 4           "schoolName": "JPHS School",
 5           "schoolAddress": "Hyderabad",
 6           "teachers": {
 7               "id": 12,
 8               "teacherName": "Krishna",
 9               "teacherAddress": "Banglore",
10               "qualification": "BSC",
11               "age": 30,
12               "dob": "1995-01-15",
13               "experience": 15
14           }
15       }
16   ]
```

@PatchMapping("/patchUpdateSchool/{id}")

http://localhost:8080/patchUpdateSchool/4?schoolName=SriNarayana&schoolAddress=Hyderabad

PATCH ∨	http://localhost:8080/patchUpdateSchool/4?schoolName=SriNarayana&schoolAddress=Hyderabad

Params ●   Authorization   Headers (9)   Body ●   Scripts   Tests   Settings

Query Params

☑ Key	Value
☑ schoolName	SriNarayana
☑ schoolAddress	Hyderabad
☐ Key	Value

Body   Cookies   Headers (5)   Test Results

{} JSON ∨   ▷ Preview   Visualize   ∨

```
 1   {
 2       "id": 4,
 3       "schoolName": "SriNarayana",
 4       "schoolAddress": "Hyderabad",
 5       "teachers": {
 6           "id": 10,
 7           "teacherName": "Akhil",
 8           "teacherAddress": "Kochi",
 9           "qualification": "PHD",
10           "age": 27,
11           "dob": "1998-05-20",
12           "experience": 3
13       }
14   }
```

| Run | Run Selected | Auto complete | Clear | SQL statement: |

```
SELECT * FROM SCHOOL
```

SELECT * FROM SCHOOL;

ID	SCHOOL_ADDRESS	SCHOOL_NAME	TEACHER_ID
1	Hyderabad	JPHS School	12
2	Mumbai	Middle School	8
3	Delhi	Chaithanya School	9
4	Hyderabad	SriNarayana	10

(4 rows, 0 ms)