# Appointment APIs
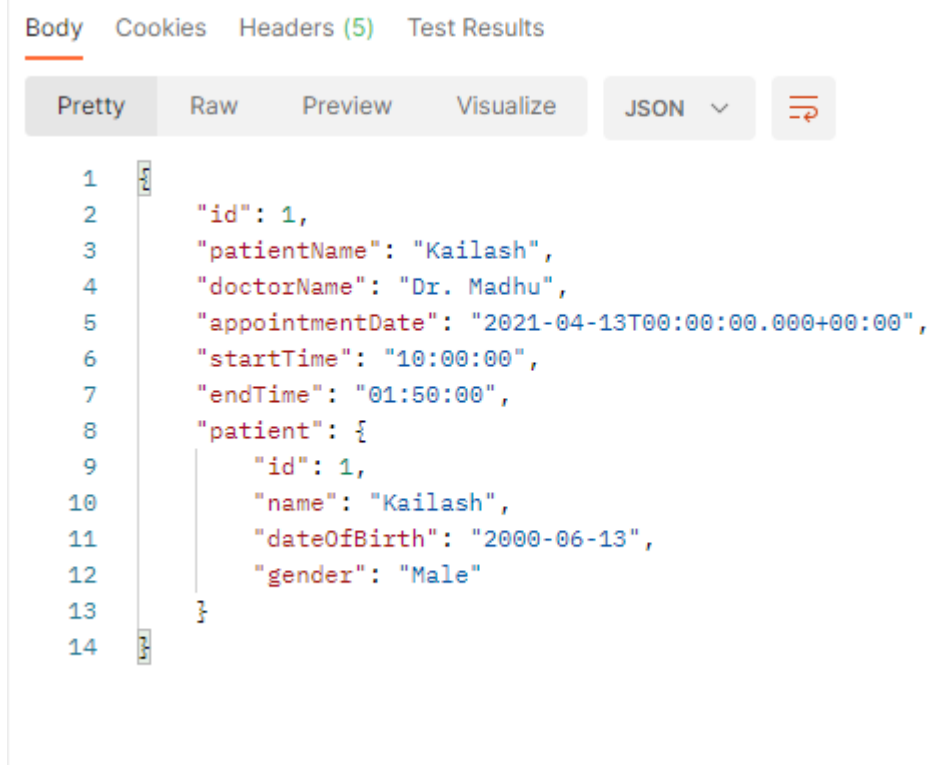
## 1: Create Appointment:

http://localhost:8080/Appointment/createAppointment

Input:

```
{
"patientName": "Kailash",
"doctorName": "Dr. Madhu",
"appointmentDate": "2021-04-13",
"startTime": "10:00",
"endTime": "01:50"  ,
"patient":{
"name": "Kailash",
"dateOfBirth": "2000-06-13",
"gender": "Male"
}
}
```

Output:

Body   Cookies   Headers (5)   Test Results

Pretty   Raw   Preview   Visualize   JSON ∨

```
1  {
2      "id": 1,
3      "patientName": "Kailash",
4      "doctorName": "Dr. Madhu",
5      "appointmentDate": "2021-04-13T00:00:00.000+00:00",
6      "startTime": "10:00:00",
7      "endTime": "01:50:00",
8      "patient": {
9          "id": 1,
10         "name": "Kailash",
11         "dateOfBirth": "2000-06-13",
12         "gender": "Male"
13     }
14 }
```

## 2: Update Appointment:

http://localhost:8080/Appointment/updateAppointmentById/2

**Input:**

```
{
    "id":1,
    "patientName": "Kailash",
    "doctorName": "Dr. Yunus ansari",
    "appointmentDate": "2021-04-16",
    "startTime": "10:00",
    "endTime": "01:00"
}
```

## Output:

Body    Cookies    Headers (5)    Test Results

Pretty    Raw    Preview    Visualize    JSON ∨    ⇄

```
1   {
2       "id": 1,
3       "patientName": "Kailash",
4       "doctorName": "Dr. Yunus ansari",
5       "appointmentDate": "2021-04-16T00:00:00.000+00:00",
6       "startTime": "10:00:00",
7       "endTime": "01:00:00",
8       "patient": {
9           "id": 1,
10          "name": "Kailash",
11          "dateOfBirth": "2000-06-13",
12          "gender": "Male"
13      }
14  }
```
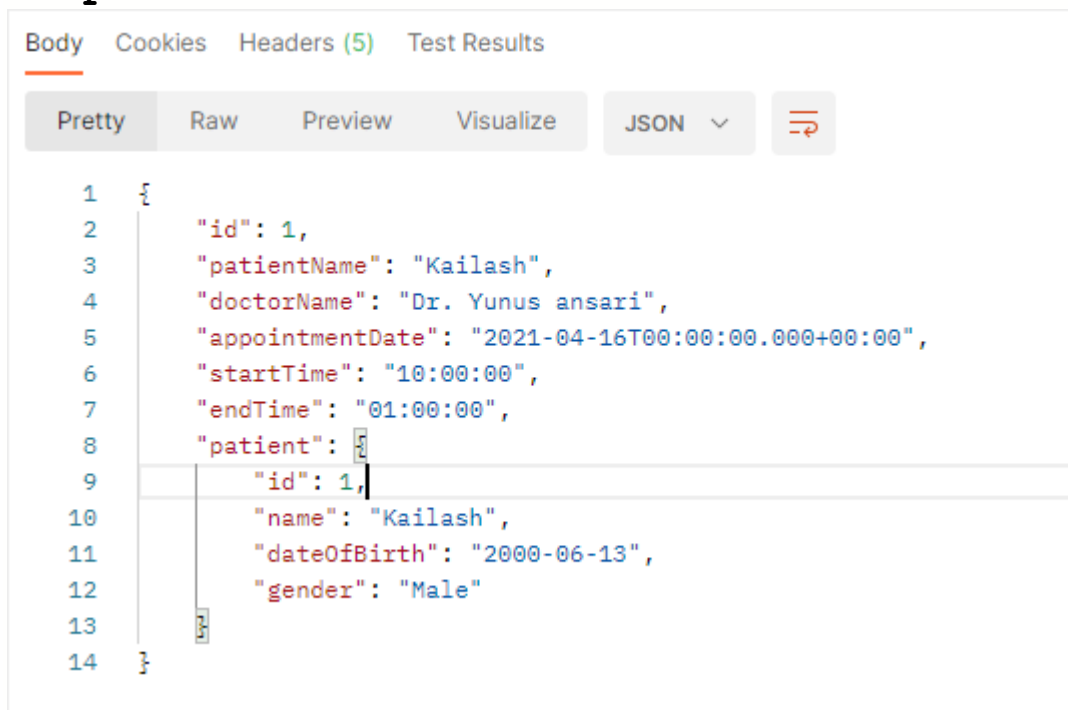
## 3: Search Appointment using Id:

http://localhost:8080/Appointment/getAppointmentById/1

Output:

Body   Cookies   Headers (5)   Test Results

Pretty    Raw    Preview    Visualize    JSON  ∨    ⇄

 1   {
 2       "id": 1,
 3       "patientName": "Kailash",
 4       "doctorName": "Dr. Yunus ansari",
 5       "appointmentDate": "2021-04-16",
 6       "startTime": "10:00:00",
 7       "endTime": "01:00:00",
 8       "patient": {
 9           "id": 1,
10           "name": "Kailash",
11           "dateOfBirth": "2000-06-13",
12           "gender": "Male"
13       }
14   }

## 4: Delete Appointment using Id:

http://localhost:8080/Appointment/deleteAppointmentById/1

Output:

Body   Cookies   Headers (5)   Test Results

Pretty    Raw    Preview    Visualize    JSON  ∨    ⇄

 1   {
 2       "deleted": true
 3   }

## 5: Get all the appointments from the database:

http://localhost:8080/Appointment/getAllAppointments

Output:

Pretty    Raw    Preview    Visualize    JSON  ∨    ⇄

```json
1   [
2       {
3           "id": 2,
4           "patientName": "Ravi",
5           "doctorName": "Dr. Yunus Ansari",
6           "appointmentDate": "2021-04-14",
7           "startTime": "10:00:00",
8           "endTime": "01:50:00",
9           "patient": {
10              "id": 2,
11              "name": "Ravi",
12              "dateOfBirth": "1999-04-20",
13              "gender": "Male"
14          }
15      }
16  ]
```
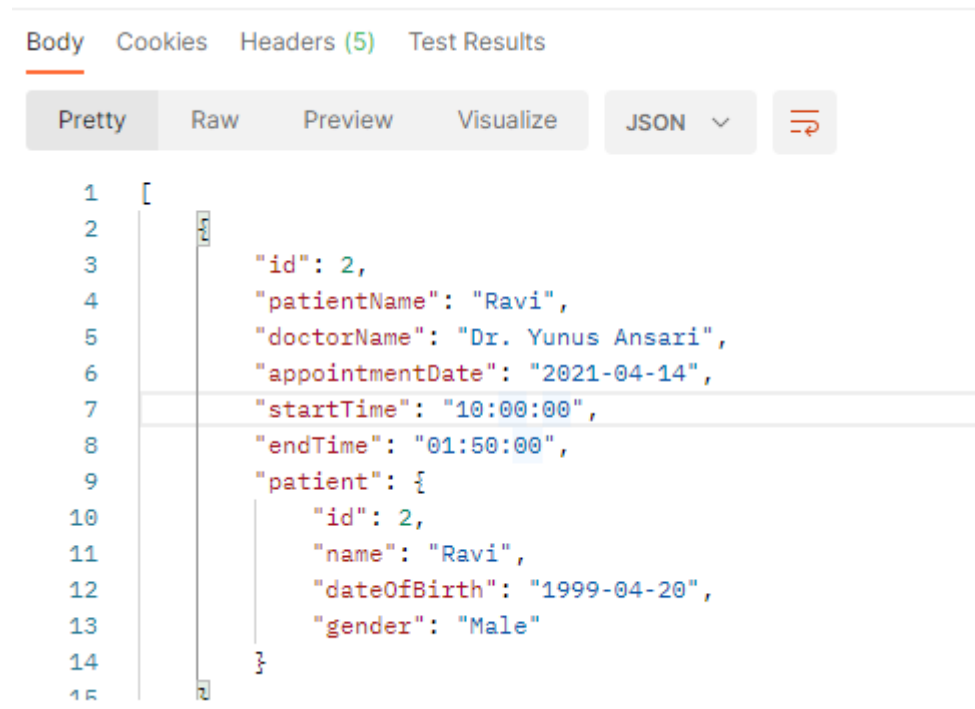
# 6: Search appointment using patient name:

http://localhost:8080/Appointment/searchAppointmentByName/Ravi

Output:

Body    Cookies    Headers (5)    Test Results

Pretty    Raw    Preview    Visualize    JSON  ∨    ⇄

```json
1   [
2       {
3           "id": 2,
4           "patientName": "Ravi",
5           "doctorName": "Dr. Yunus Ansari",
6           "appointmentDate": "2021-04-14",
7           "startTime": "10:00:00",
8           "endTime": "01:50:00",
9           "patient": {
10              "id": 2,
11              "name": "Ravi",
12              "dateOfBirth": "1999-04-20",
13              "gender": "Male"
14          }
15      }
```
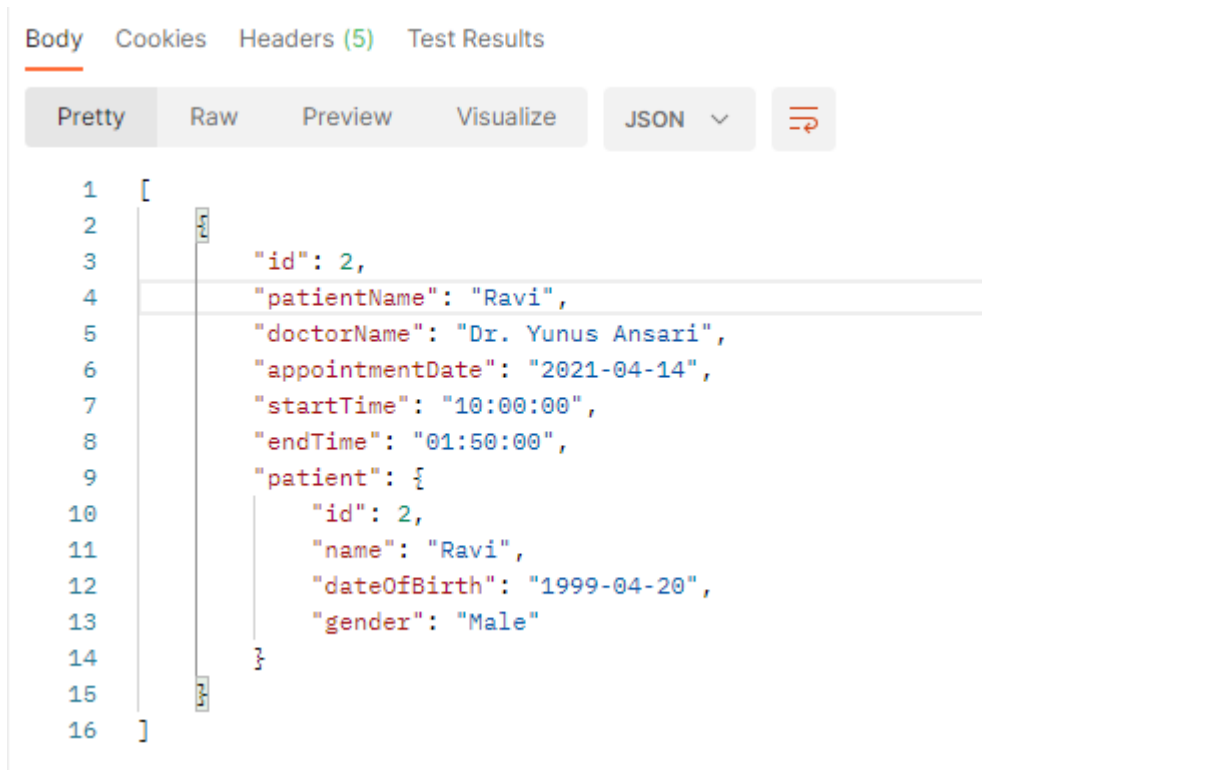
# 7: Search appointment using doctor name:

http://localhost:8080/Appointment/searchAppointmentByName/Dr. Yunus Ansari

## Output:

Body   Cookies   Headers (5)   Test Results

Pretty   Raw   Preview   Visualize   JSON ∨

```
 1  [
 2      {
 3          "id": 2,
 4          "patientName": "Ravi",
 5          "doctorName": "Dr. Yunus Ansari",
 6          "appointmentDate": "2021-04-14",
 7          "startTime": "10:00:00",
 8          "endTime": "01:50:00",
 9          "patient": {
10              "id": 2,
11              "name": "Ravi",
12              "dateOfBirth": "1999-04-20",
13              "gender": "Male"
14          }
15      }
```

# 8: Search all the appointments of a particular date:

http://localhost:8080/Appointment/searchAppointmentByDate/2021-04-10

Output:

```
Body   Cookies   Headers (5)   Test Results

Pretty   Raw   Preview   Visualize   JSON  v

 1   [
 2       {
 3           "id": 2,
 4           "patientName": "Ravi",
 5           "doctorName": "Dr. Yunus Ansari",
 6           "appointmentDate": "2021-04-14",
 7           "startTime": "10:00:00",
 8           "endTime": "01:50:00",
 9           "patient": {
10               "id": 2,
11               "name": "Ravi",
12               "dateOfBirth": "1999-04-20",
13               "gender": "Male"
14           }
15       }
16   ]
```

# Patient APIs

## 1: Create patient:

http://localhost:8080/patient/createPatient

Input:

```
{
    "name": "Chandra",
    "dateOfBirth": "1999-04-20",
    "gender": "FeMale"
}
```

Output:

```
1  {
2      "id": 3,
3      "name": "Chandra",
4      "dateOfBirth": "1999-04-20",
5      "gender": "FeMale"
6  }
```

## 2: Search patient using Id

http://localhost:8080/patient/getPatientById/3

Output:

```
1  {
2      "id": 3,
3      "name": "Chandra",
4      "dateOfBirth": "1999-04-20",
5      "gender": "FeMale"
6  }
```

## 3: Update Patient using Id
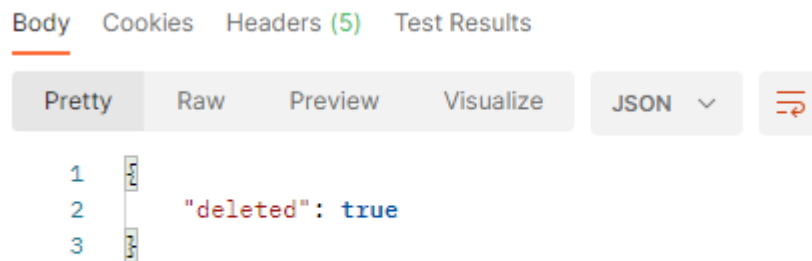
http://localhost:8080/patient/updatePatientById/3

Output:

```
1  {
2      "id": 3,
3      "name": "Naman",
4      "dateOfBirth": "2000-05-21",
5      "gender": "Male"
6  }
```

## 4: Delete patient using Id

http://localhost:8080/patient/deletePatientById/3

Output:

Body  Cookies  Headers (5)  Test Results

Pretty  Raw  Preview  Visualize  JSON ∨  ⇄

```
1  {
2      "deleted": true
3  }
```

## 5: Get all patients available in the database

http://localhost:8080/patient/getPatients

Output:

Body  Cookies  Headers (5)  Test Results

Pretty  Raw  Preview  Visualize  JSON ∨  ⇄

```
1  [
2      {
3          "id": 2,
4          "name": "Ravi",
5          "dateOfBirth": "1999-04-20",
6          "gender": "Male"
7      }
8  ]
```

## 6: Search patient using name

http://localhost:8080/patient/searchPatient/Ravi

Output:

Pretty   Raw   Preview   Visualize   JSON ∨

```json
1  [
2      {
3          "id": 2,
4          "name": "Ravi",
5          "dateOfBirth": "1999-04-20",
6          "gender": "Male"
7      }
8  ]
```