CODE:

Server.js

```
require('dotenv').config()

const express = require('express')
const app = express()
const mongoose = require('mongoose')

mongoose.connect('mongodb://localhost:27017/subscribers', {
   useNewUrlParser: true })
const db = mongoose.connection
db.on('error', (error) => console.error(error))
db.once('open', () => console.log('Connected to Database'))

app.use(express.json())

const subscribersRouter = require('./routes/subscribers')
app.use('/subscribers', subscribersRouter)

app.listen(3000, () => console.log('Server Started'))
```

Subscribers.js

```
const express = require('express')
const router = express.Router()
const Subscriber = require('../models/subscriber')

// Getting all
router.get('/', async (req, res) => {
    try {
      const subscribers = await Subscriber.find()
      res.json(subscribers)
    } catch (err) {
      res.status(500).json({ message: err.message })
    }
})

// Getting One
```

```
router.get('/:id', getSubscriber, (req, res) => {
   res.json(res.subscriber)
 })
 // Creating one
 router.post('/', async (req, res) => {
   const subscriber = new Subscriber({
      name: req.body.name,
      subscribedToChannel: req.body.subscribedToChannel
   })
   try {
     const newSubscriber = await subscriber.save()
      res.status(201).json(newSubscriber)
   } catch (err) {
     res.status(400).json({ message: err.message })
 })
 // Updating One
 router.patch('/:id', getSubscriber, async (req, res) => {
   if (req.body.name != null) {
      res.subscriber.name = req.body.name
   if (req.body.subscribedToChannel != null) {
      res.subscriber.subscribedToChannel =
req.body.subscribedToChannel
   try {
     const updatedSubscriber = await res.subscriber.save()
     res.json(updatedSubscriber)
   } catch (err) {
      res.status(400).json({ message: err.message })
 })
 // Deleting One
 router.delete('/:id', getSubscriber, async (req, res) => {
   try {
     await res.subscriber.remove()
      res.json({ message: 'Deleted Subscriber' })
   } catch (err) {
      res.status(500).json({ message: err.message })
```

```
}
})

async function getSubscriber(req, res, next) {
  let subscriber
  try {
    subscriber = await Subscriber.findById(req.params.id)
    if (subscriber == null) {
        return res.status(404).json({ message: 'Cannot find subscriber' })
    }
    } catch (err) {
        return res.status(500).json({ message: err.message })
    }

    res.subscriber = subscriber
    next()
}

module.exports = router
```

Subscriber.js

```
const mongoose = require('mongoose')
const subscriberSchema = new mongoose.Schema({
    name: {
        type: String,
        required: true
    },
    subscribedToChannel: {
        type: String,
        required: true
    },
    subscribeDate: {
        type: Date,
        required: true,
        default: Date.now
})
module.exports = mongoose.model('Subscriber', subscriberSchema)
```

OUTPUT:



