

Develop two routes: find_prime_100 and find_cube_100 which prints prime numbers less than 100 and cubes less than 100 using Express JS routing mechanism

```
const express = require('express');
const app = express();
const port = 3000;

// Function to find prime numbers less than 100
const findPrimes = () => {
  const primes = [];
  for (let i = 2; i < 100; i++) {
    let isPrime = true;
    for (let j = 2; j <= Math.sqrt(i); j++) {
      if (i % j === 0) {
        isPrime = false;
        break;
      }
    }
    if (isPrime) primes.push(i);
  }
  return primes;
};

// Function to find cubes less than 100
const findCubes = () => {
  const cubes = [];
  for (let i = 1; i ** 3 < 100; i++) {
    cubes.push(i ** 3);
  }
  return cubes;
};

// Middleware to log requests
app.use((req, res, next) => {
  console.log(`${req.method} request for '${req.url}'`);
  next();
});

// Route to get prime numbers less than 100
app.get('/prime', (req, res) => {
  const primes = findPrimes();
  res.json(primes);
});

// Route to get cubes less than 100
app.get('/cube', (req, res) => {
  const cubes = findCubes();
  res.json(cubes);
});

// Start the server
app.listen(port, () => {
  console.log(`Server is running on http://localhost:${port}/find_prime_100`);
});
```

```
console.log(`Server is running on http://localhost:${port}/find_cube_100`);  
});
```