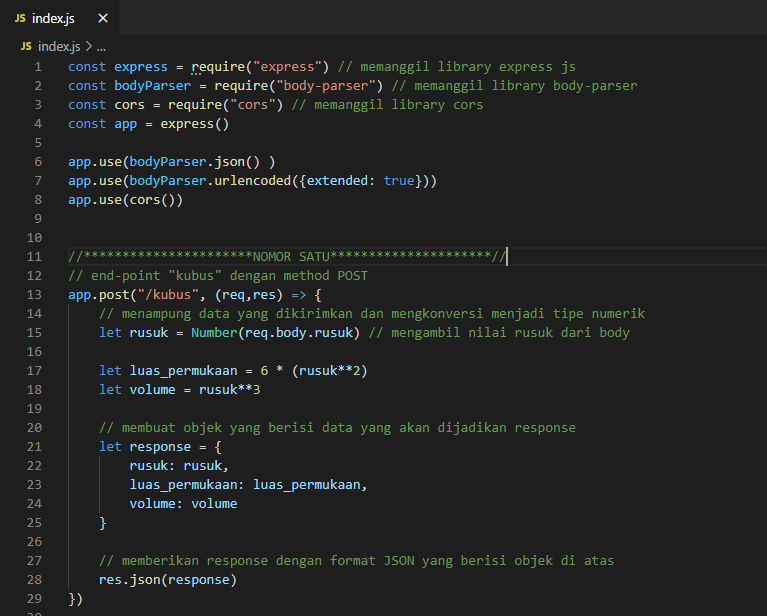
**Tugas Praktikum REST API NODE JS**

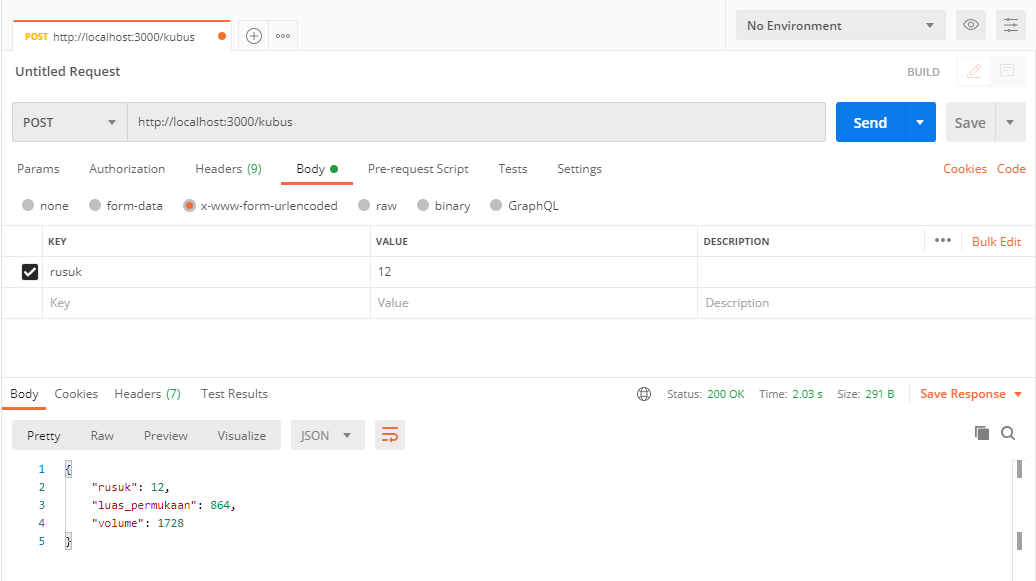
1. Buatlah minimal empat end-point yang masing-masing digunakan untuk menghitung volume dan luas permukaan dari sebuah bangun ruang! (satu end-point untuk satu bangun ruang)

Jawab:

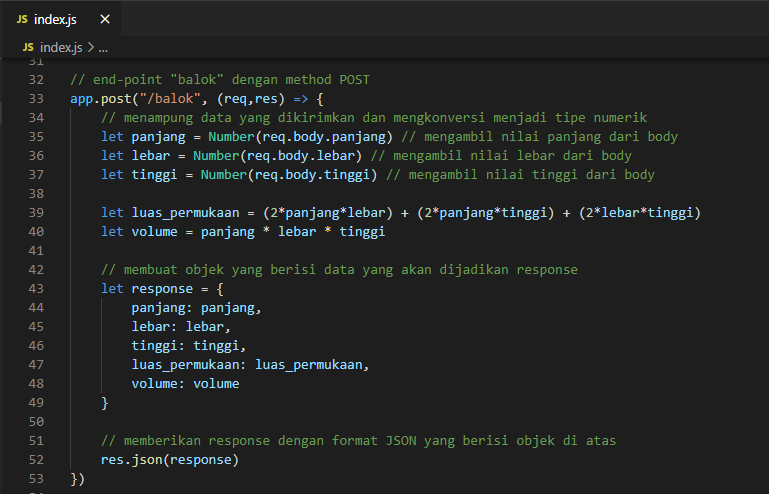
* KUBUS



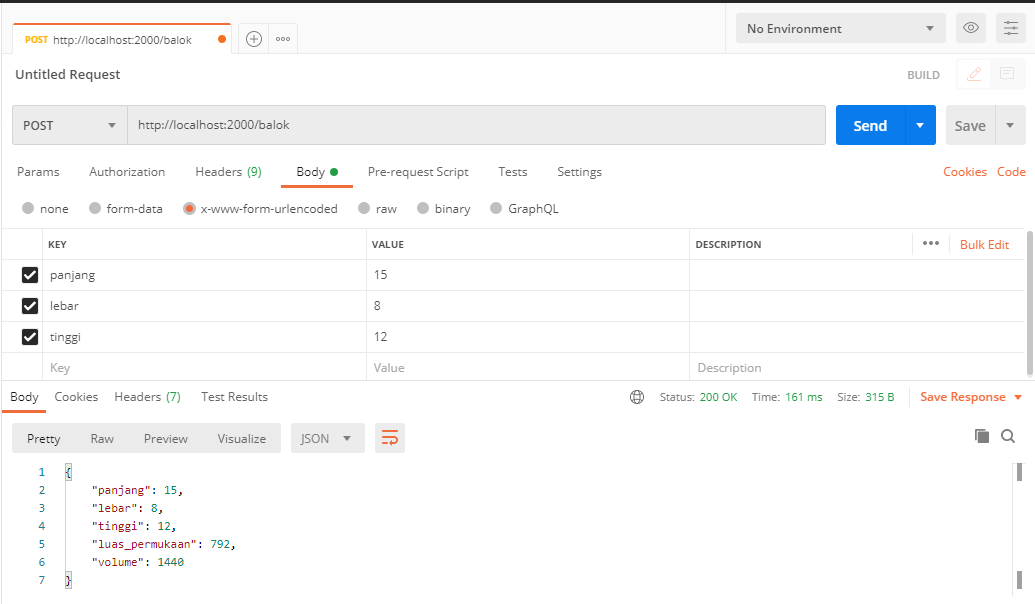
Hasil:



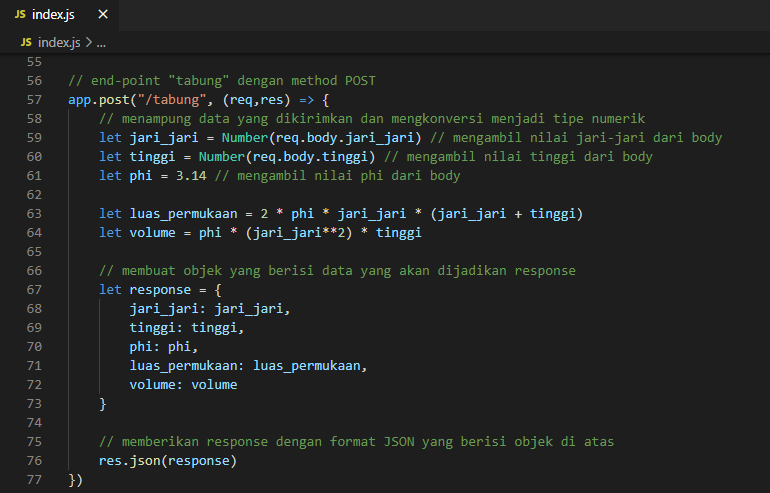
* BALOK



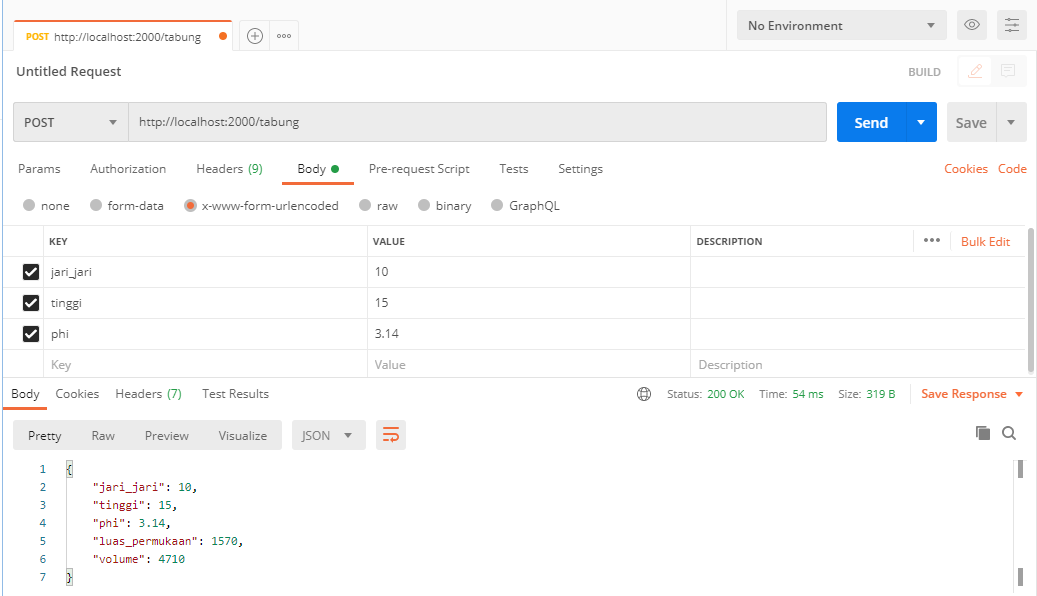
Hasil:



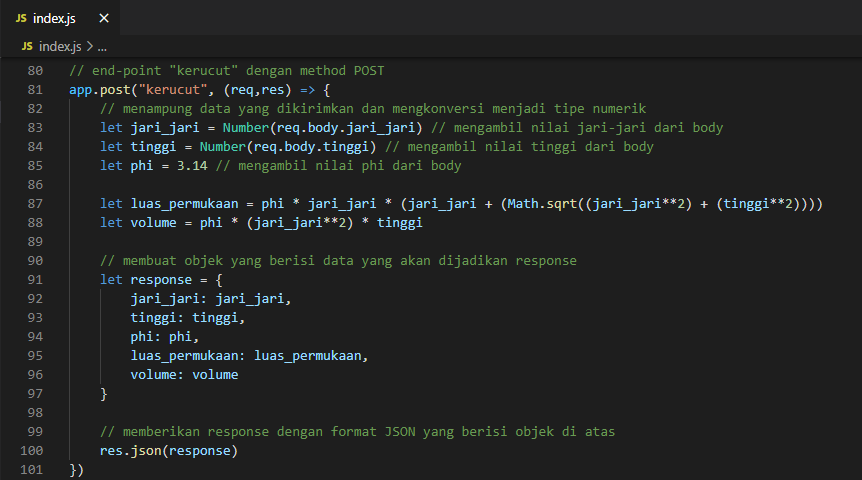
* TABUNG



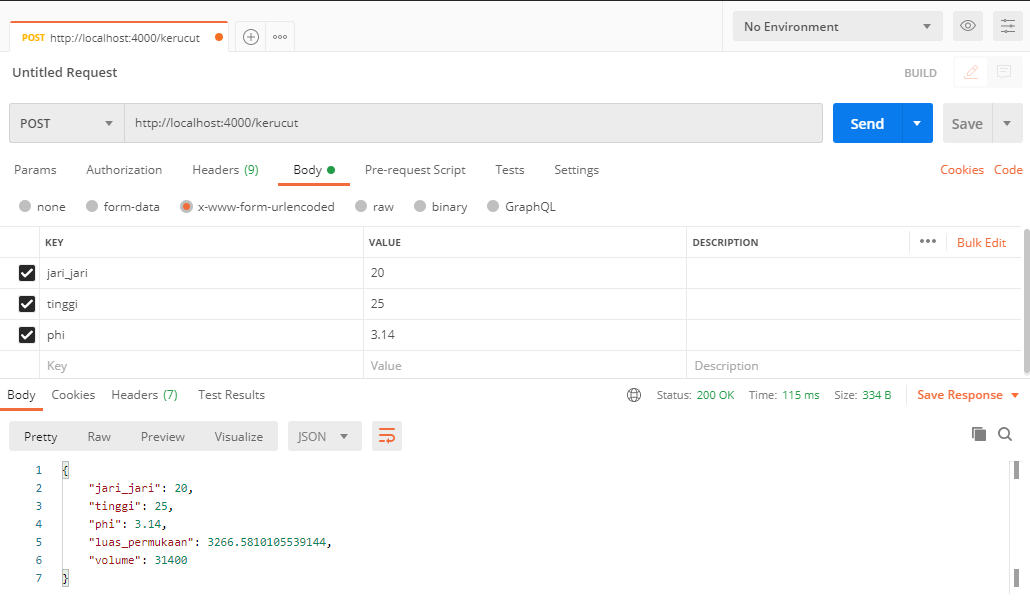
Hasil:



* KERUCUT



Hasil:



1. Dalam ilmu fisika, terdapat empat satuan suhu yang sering digunakan yaitu Celsius, Fahrenheit, Kelvin, dan Reamur. Buatlah empat buah end-point untuk mengkonversi nilai suhu dari satu satuan ke satuan yang lain! Berikut ini ketentuan *request* dan *response*-nya.

* Convert Celsius

End-point

A picture containing bird

Description automatically generated

Response

A screenshot of a cell phone

Description automatically generated

* Convert Reamur

End-point

A screenshot of a cell phone

Description automatically generated

Response

A screenshot of a cell phone

Description automatically generated

* Convert Kelvin

End-point

A screenshot of a cell phone

Description automatically generated

Response

A screenshot of a social media post

Description automatically generated

* Convert Fahrenheit

End-point

A screenshot of a cell phone

Description automatically generated

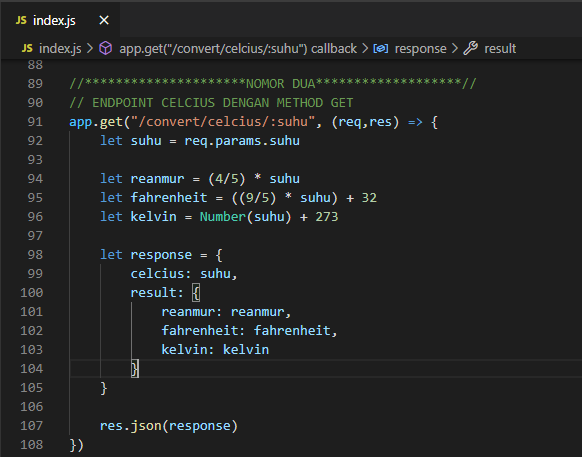
Response

A screenshot of a cell phone

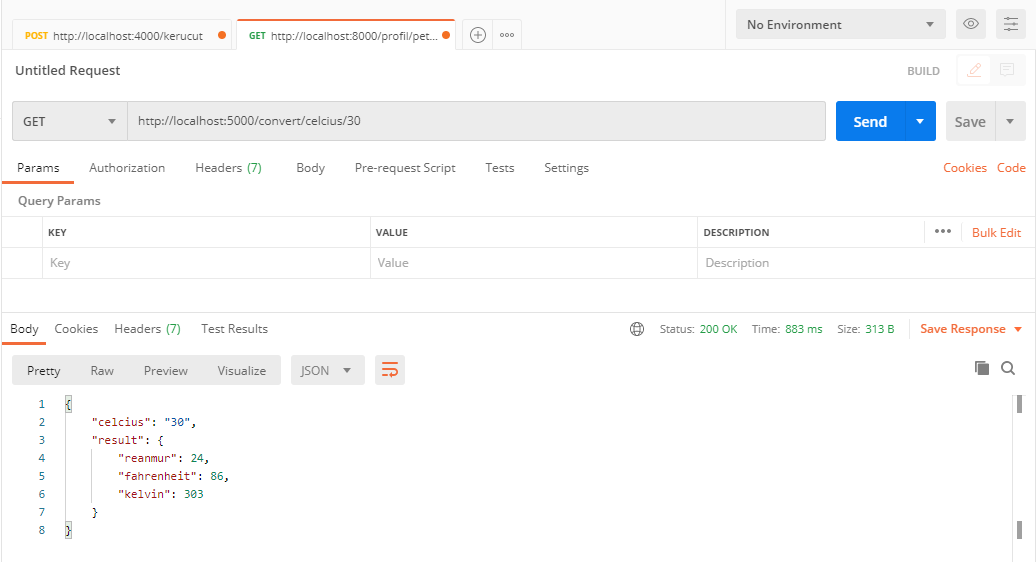
Description automatically generated

Jawab:

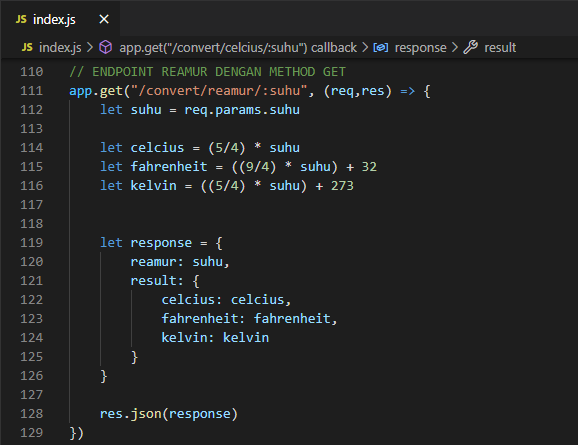
* Convert Celsius



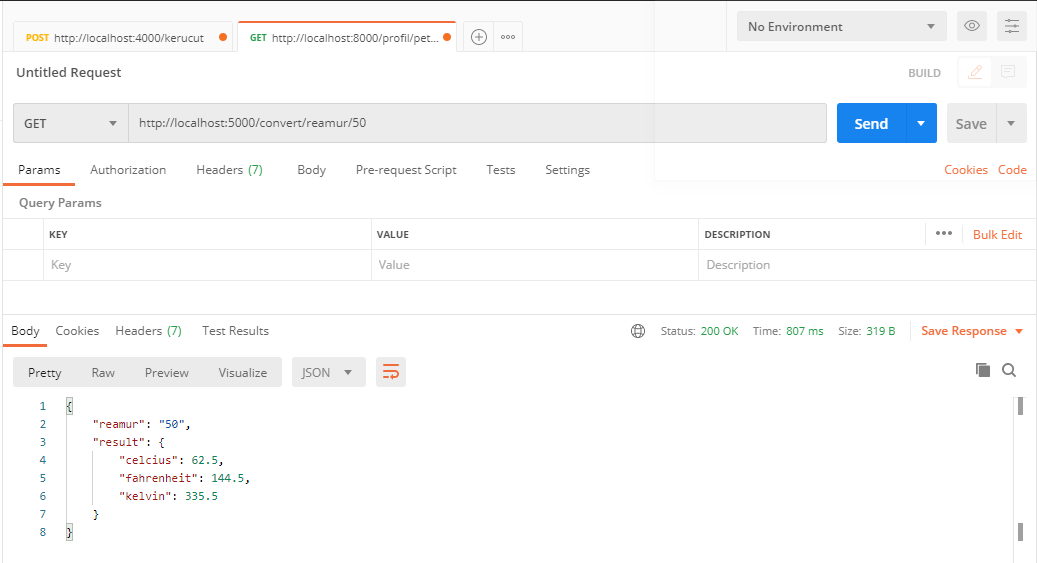
Hasil:



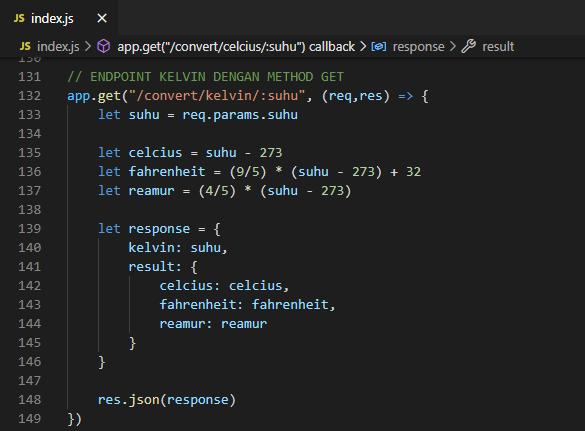
* Convert Reamur



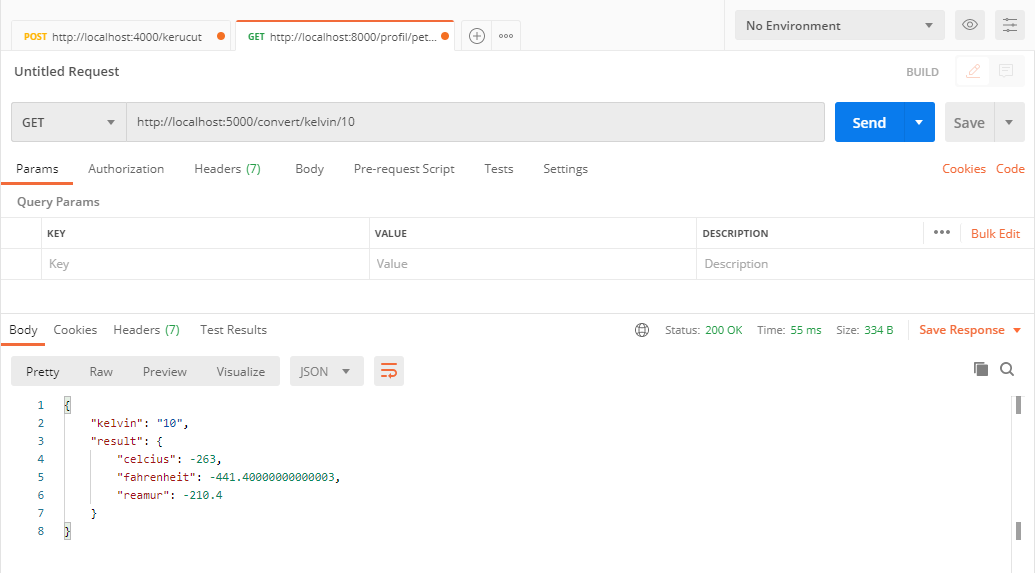
Hasil:



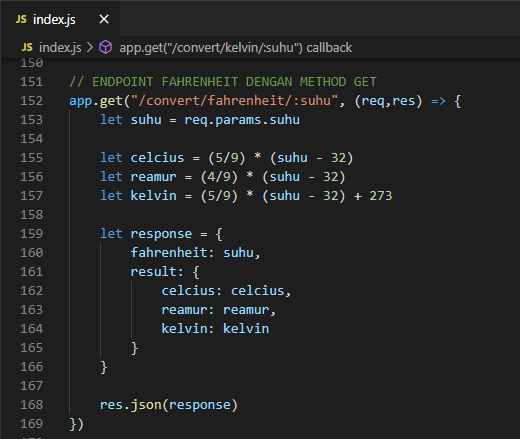
* Convert Kelvin



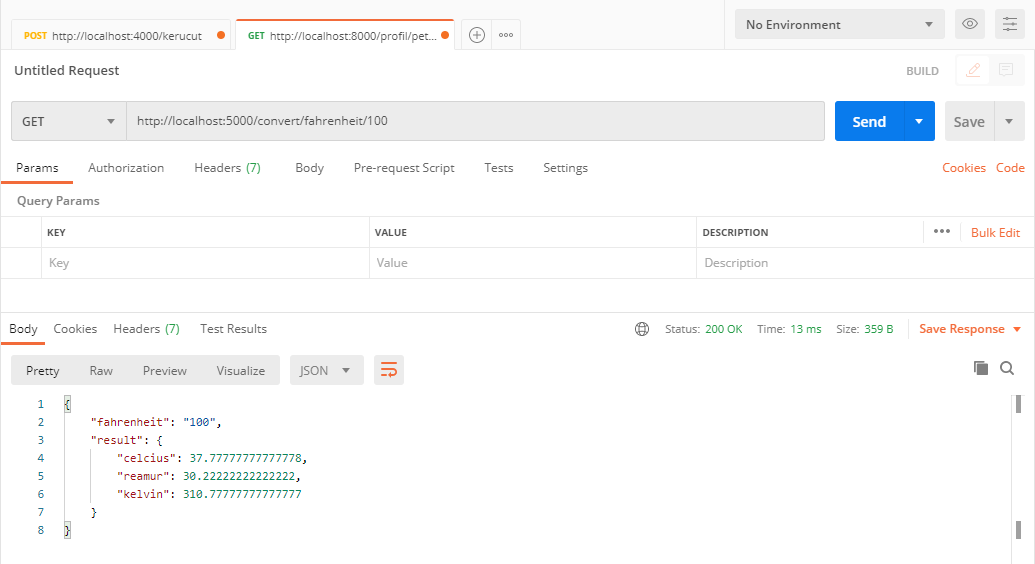
Hasil:



* Convert Fahrenheit



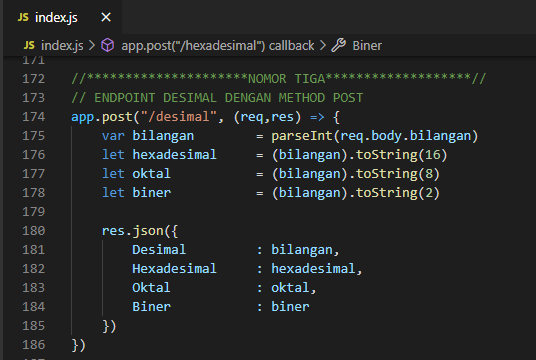
Hasil:



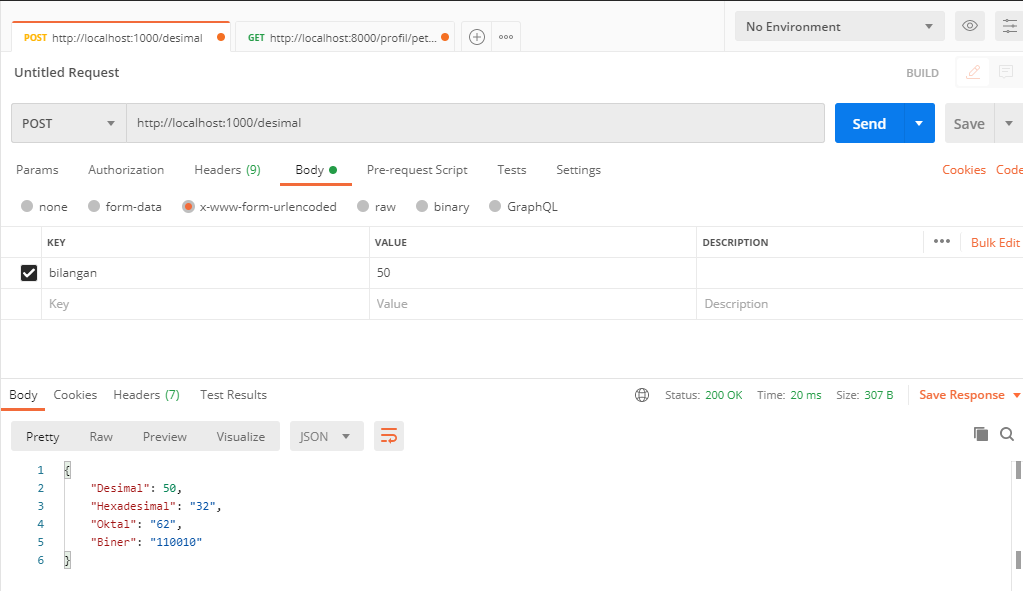
1. Dalam sistem komputer, terdapat empat jenis bilangan yang dipelajari yaitu bilangan decimal, biner, octal, dan hexadecimal. Buatlah empat buah end-point yang masing-masing digunakan untuk mengkonversi dari satu jenis bilangan ke jenis bilangan yang lain! Struktur *request* dan *response*-nya sama dengan nomor 1.

Jawab:

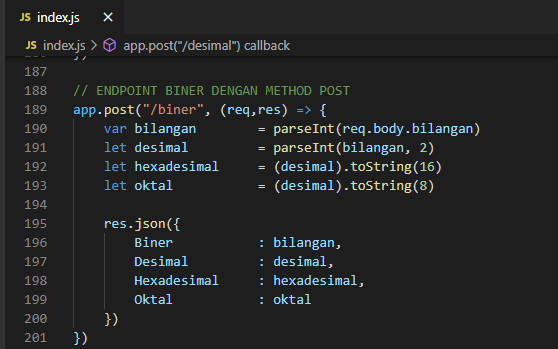
* Decimal



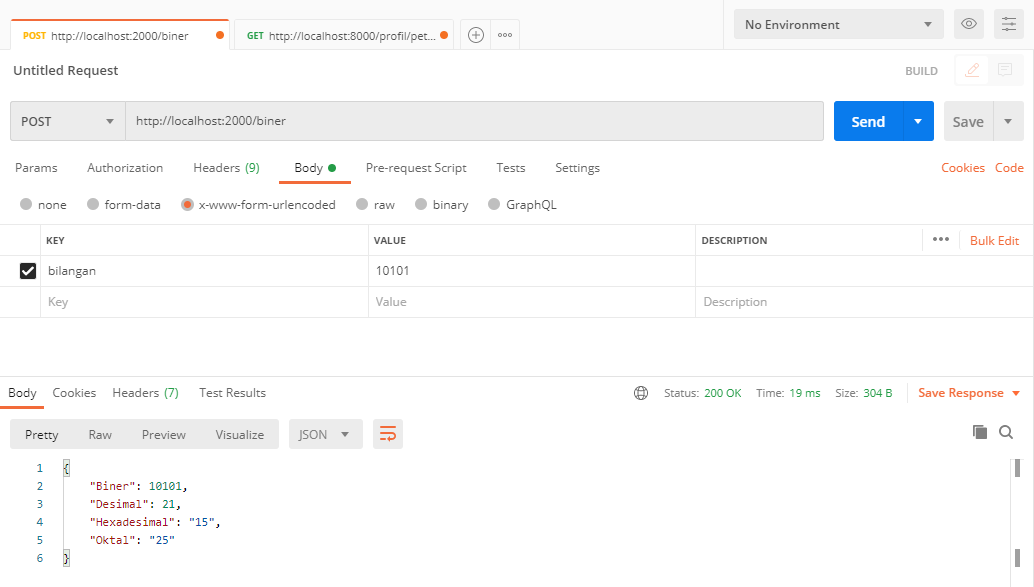
Hasil:



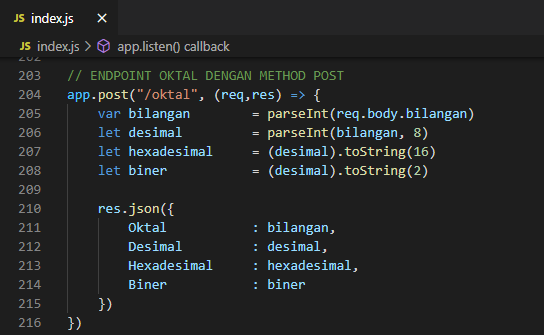
* Biner



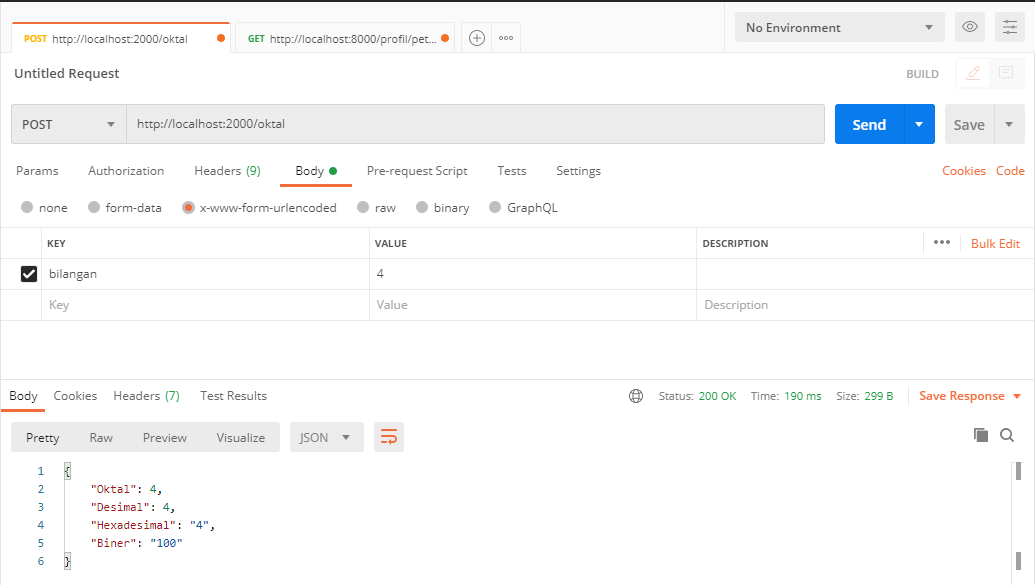
Hasil:



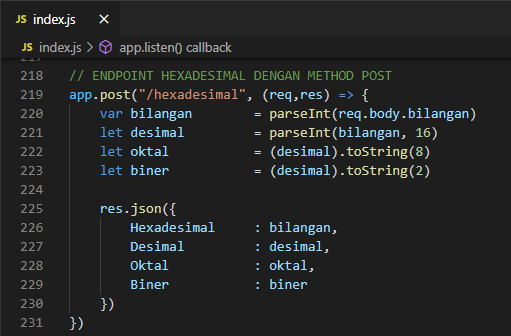
* Octal



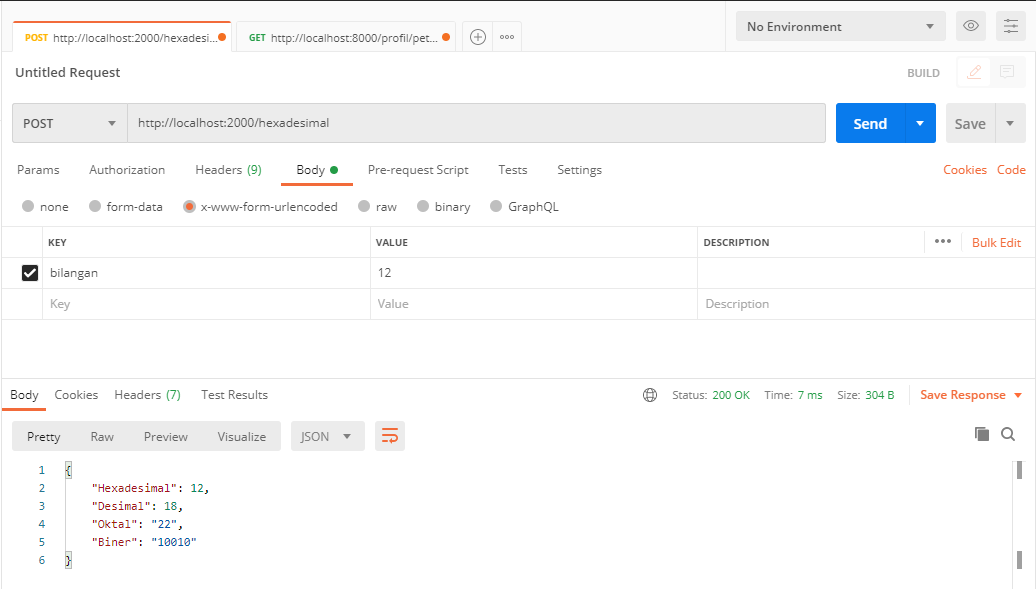
Hasil:



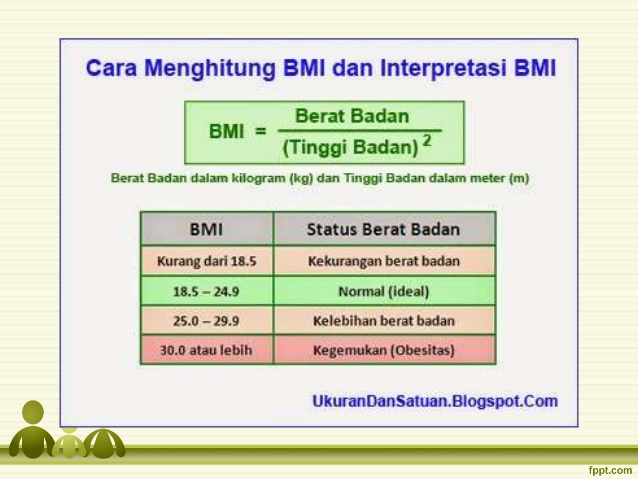
* Hexadecimal



Hasil:



1. Buatlah end-point untuk menghitung Body Mass Index (BMI)! Ketentuan BMI seperti berikut ini.



Berikut contoh request data yang dikirimkan.

A screenshot of a cell phone

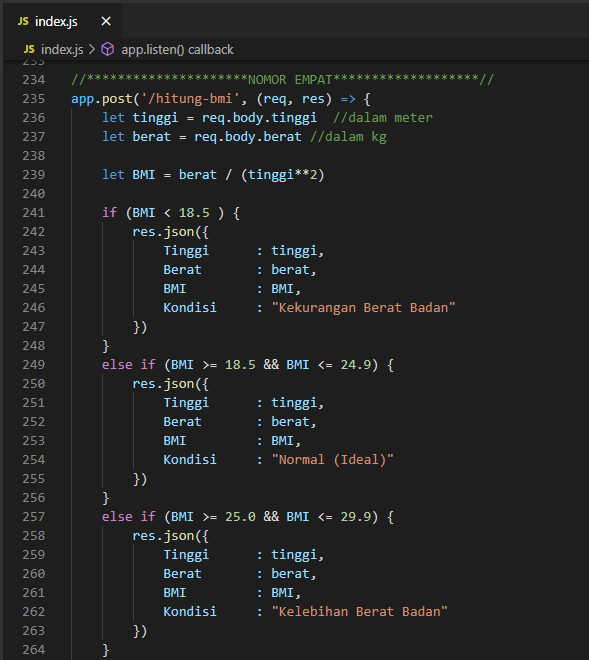
Description automatically generated

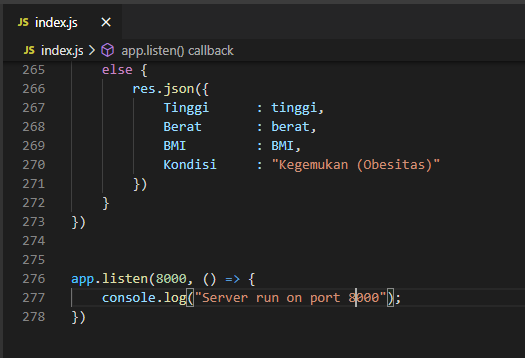
Dan berikut contoh response-nya

A screenshot of a cell phone

Description automatically generated

Jawab:





Hasil:

