**KONU:**

**ArangoDB & Python**

**Karşılaştırması**

**Hazırlayan: Beyza Nur Elitok**

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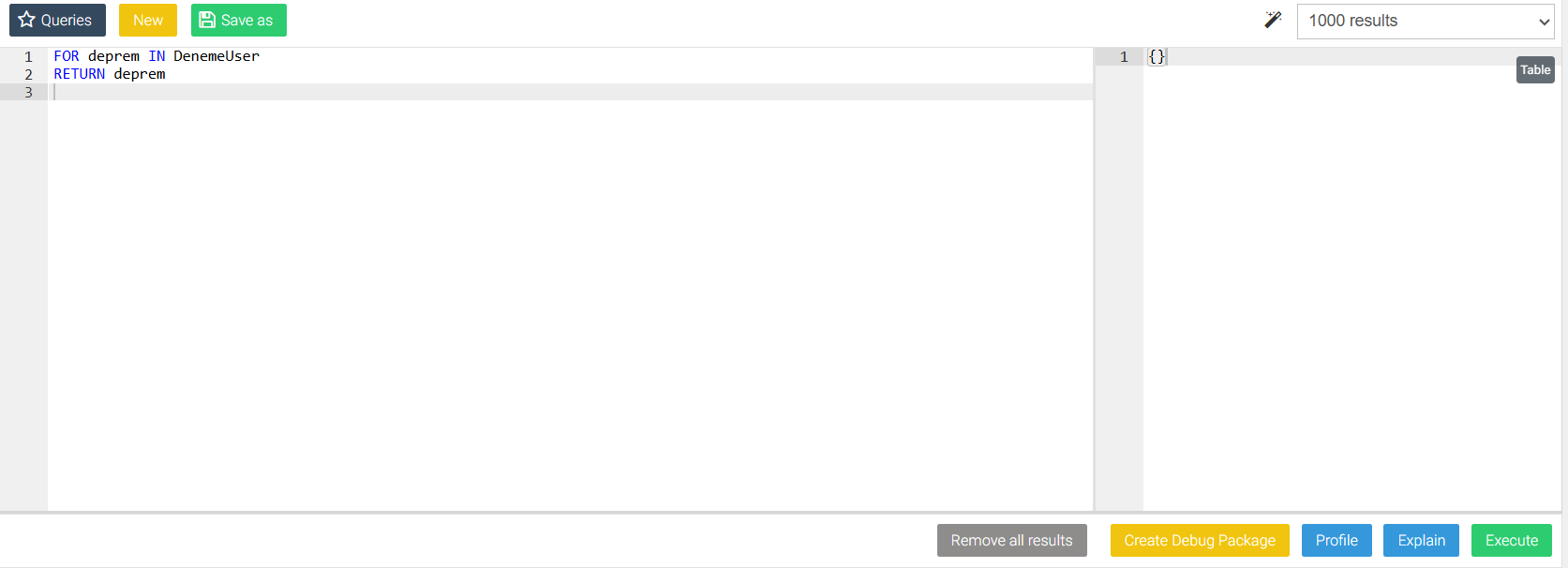
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Kandilli Rasathanesi'nden JSON formatında alınmış deprem verilerini ArangoDB'ye import ettik.

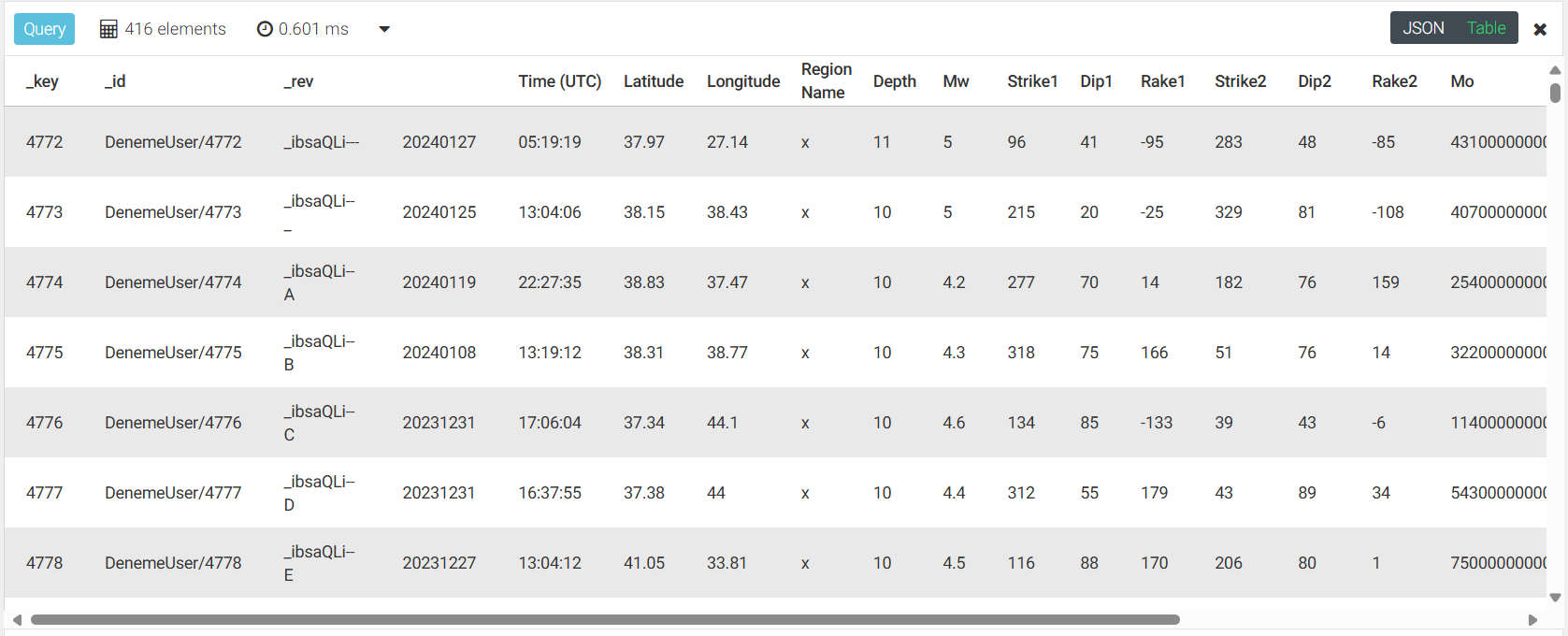
**(1)Tüm deprem verilerini getiriniz:**

**AQL:**

**Girdi:**

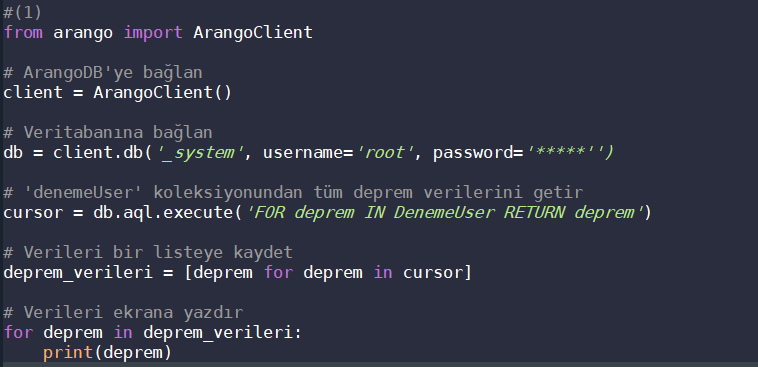


**Çıktı:**

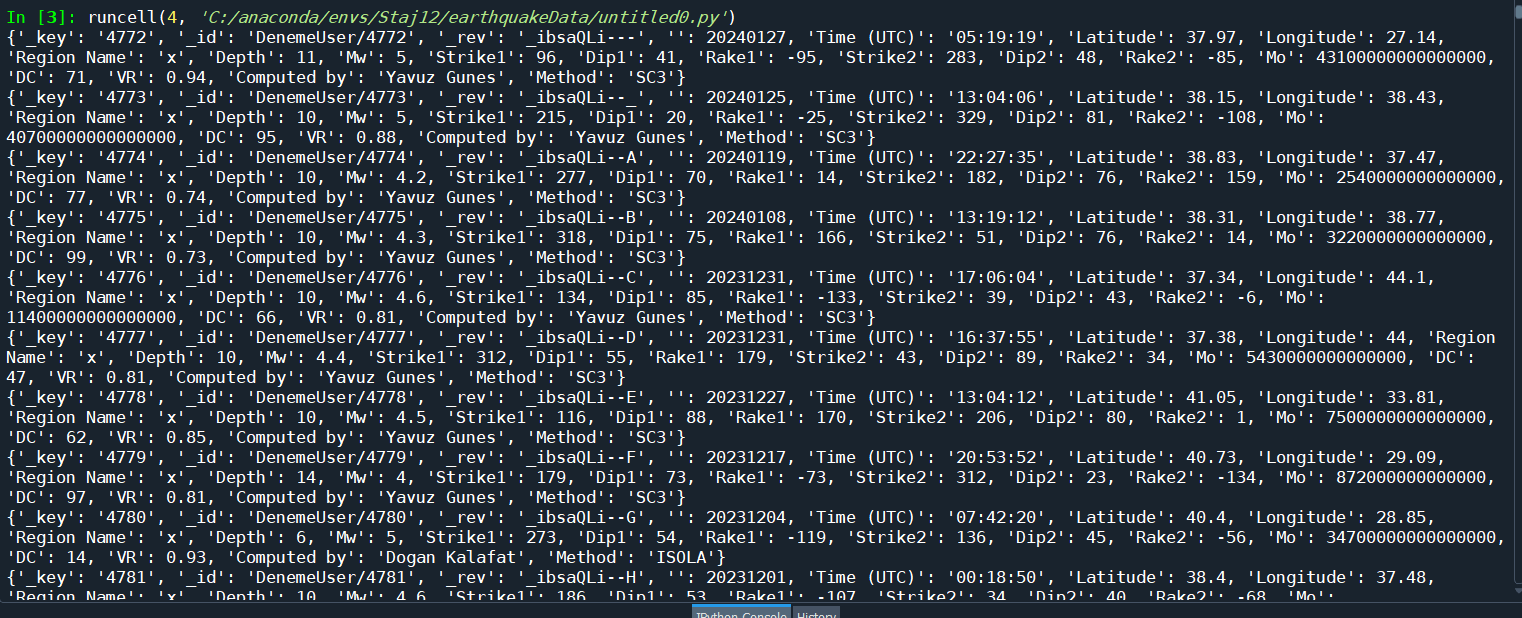


**PYTHON:**

**Girdi:**

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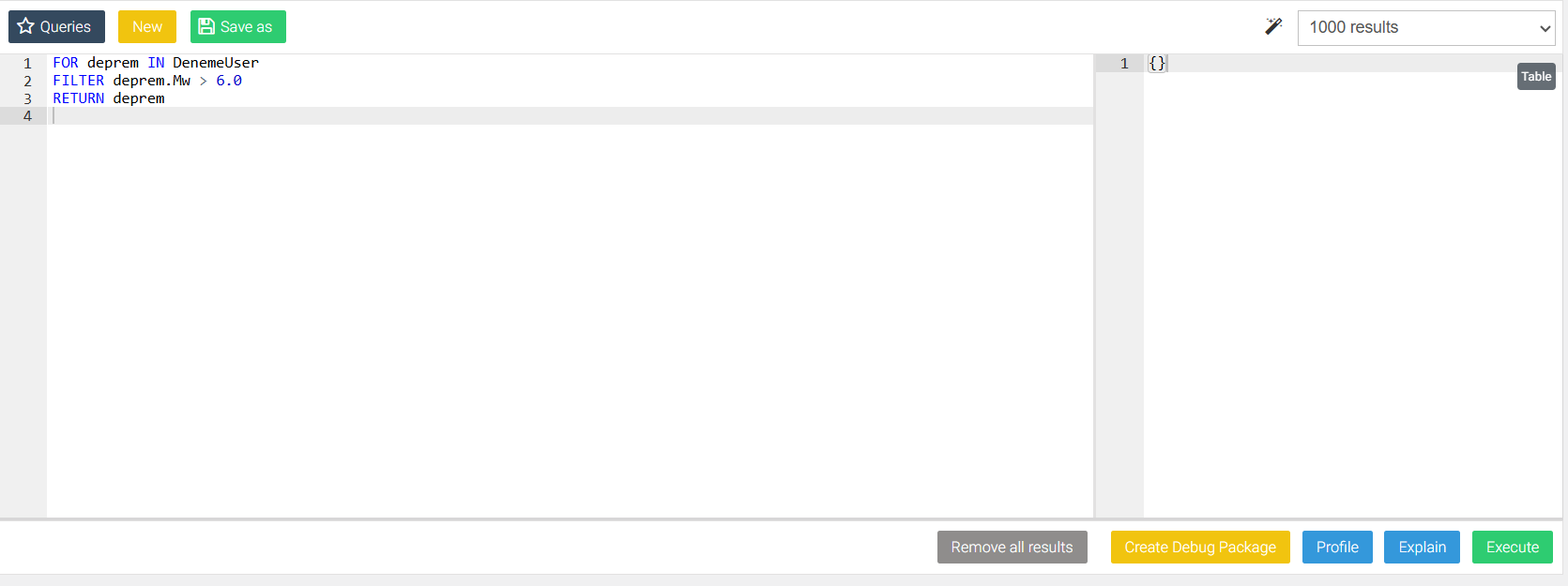
**Çıktı:**



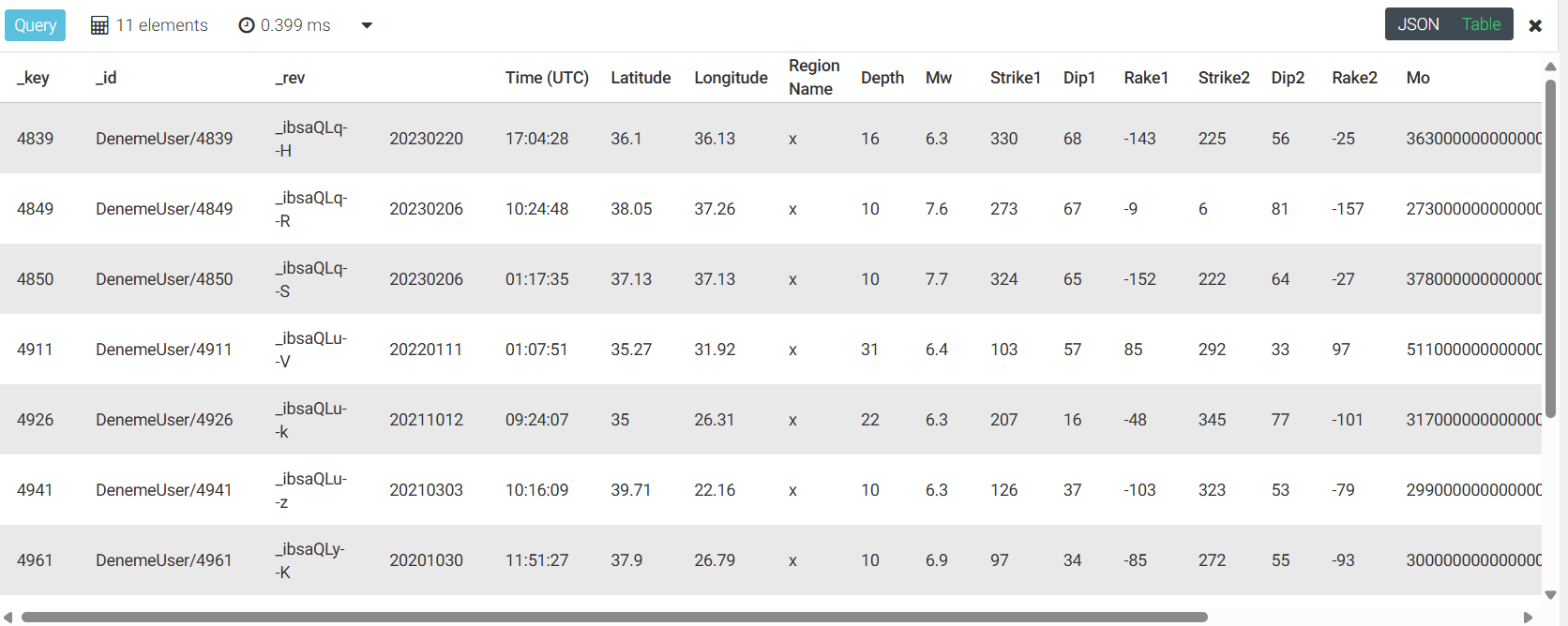
**(2)** **Büyüklüğü 6.0'dan büyük olan depremleri bulunuz:**

**AQL:**

**Girdi:**

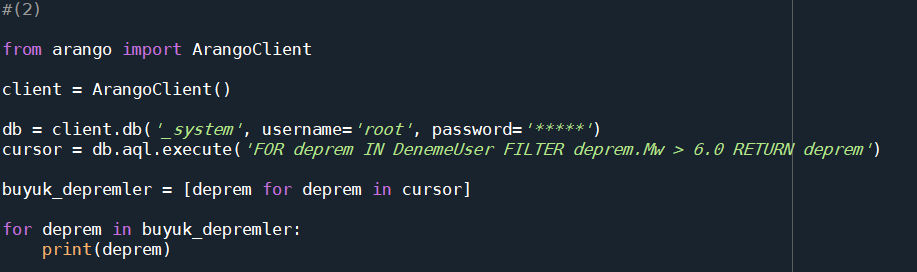


**Çıktı:**

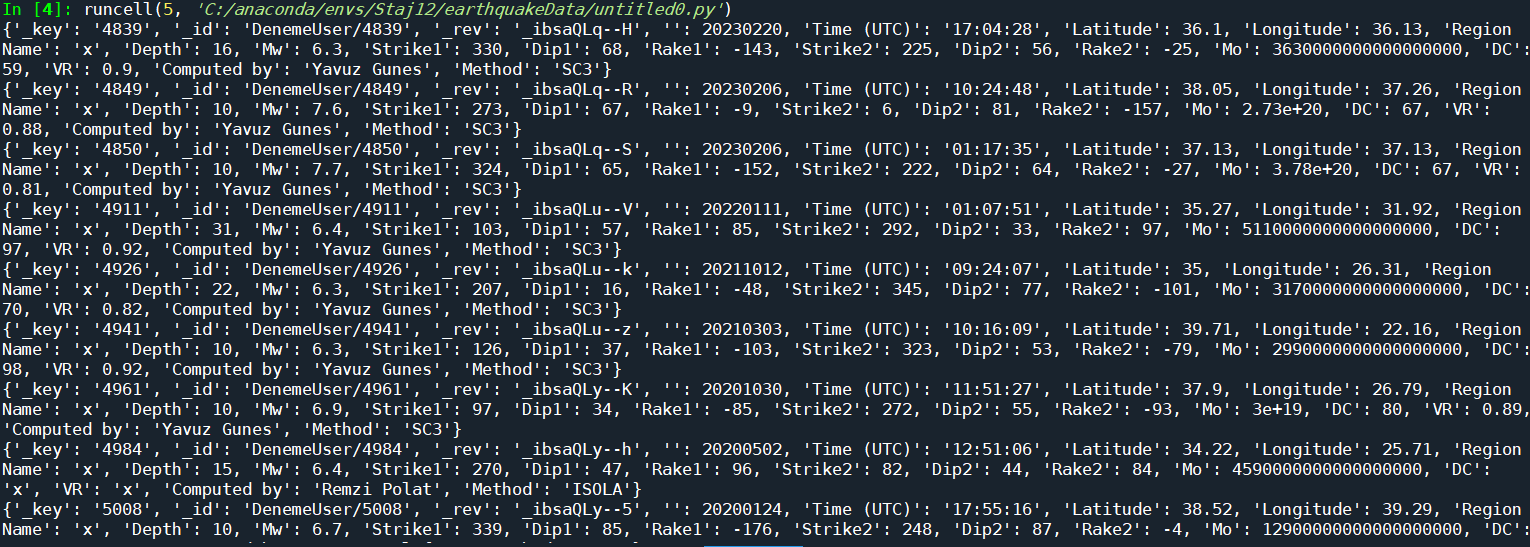


**PYTHON:**

**Girdi:**

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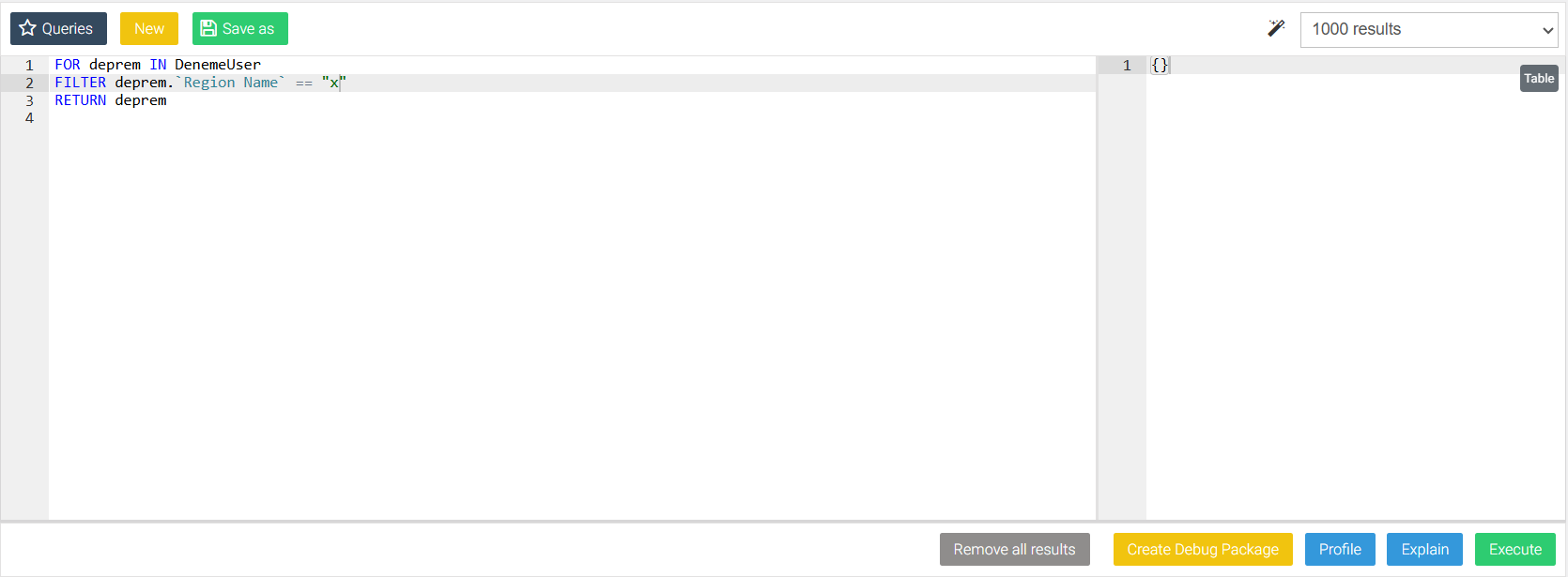
**Çıktı**

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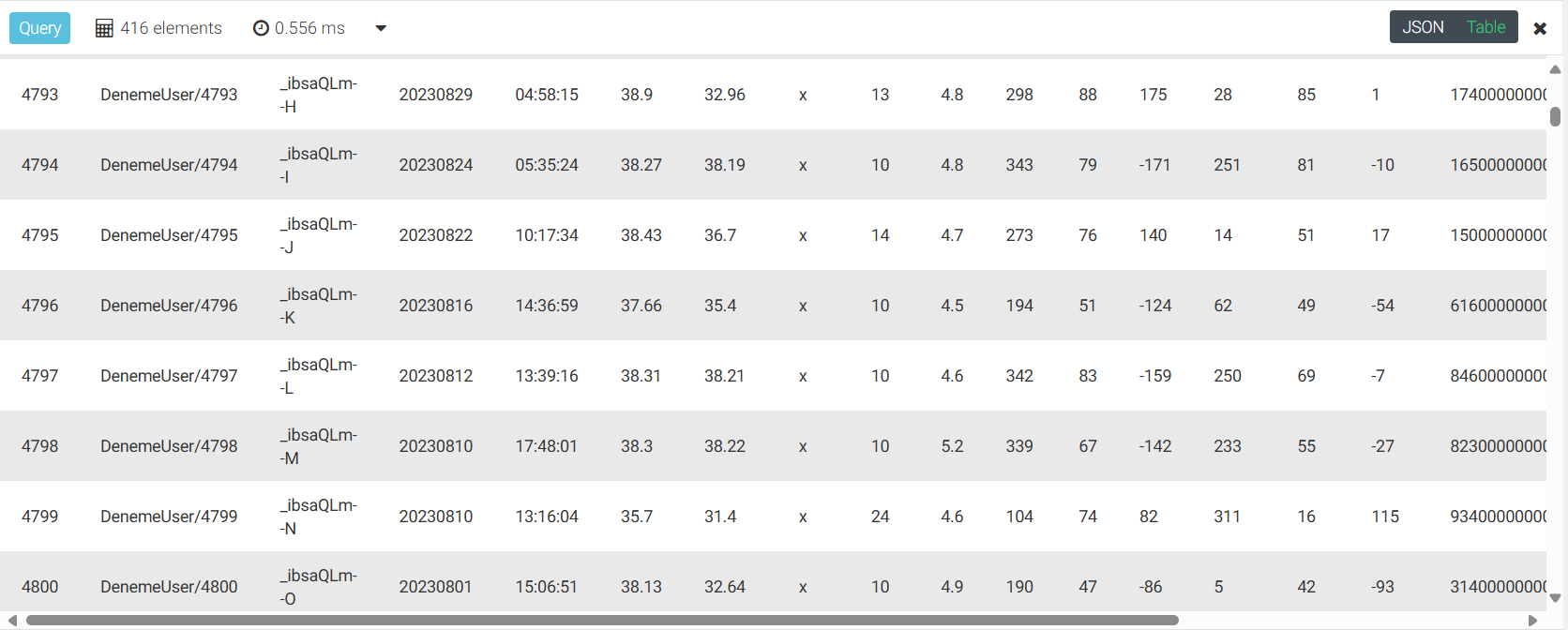
**(3)** **Belirli Bir Bölgedeki Depremleri Bulunuz:**

**AQL:**

**Girdi:**

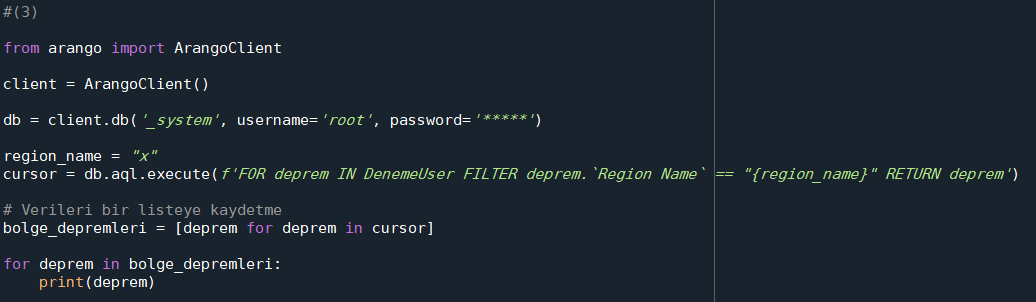
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**Çıktı:**

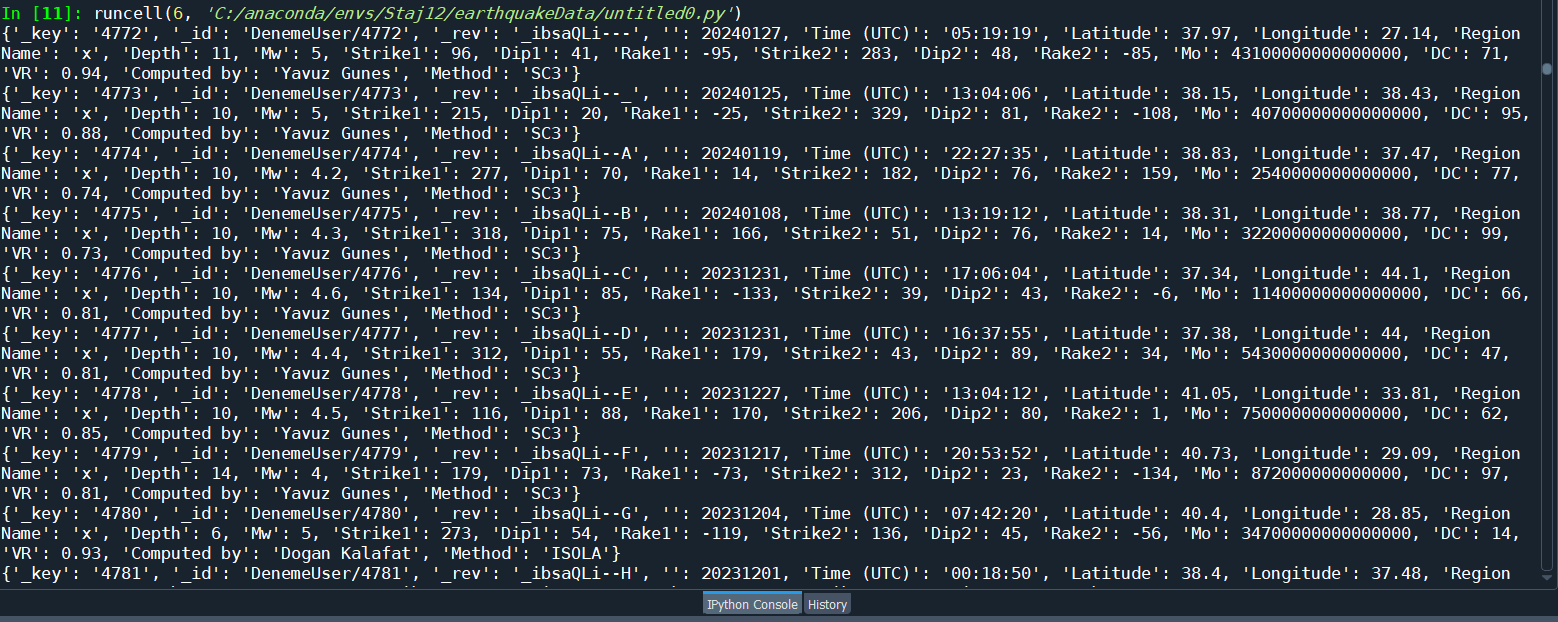
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**PYTHON:**

**Girdi:**

****

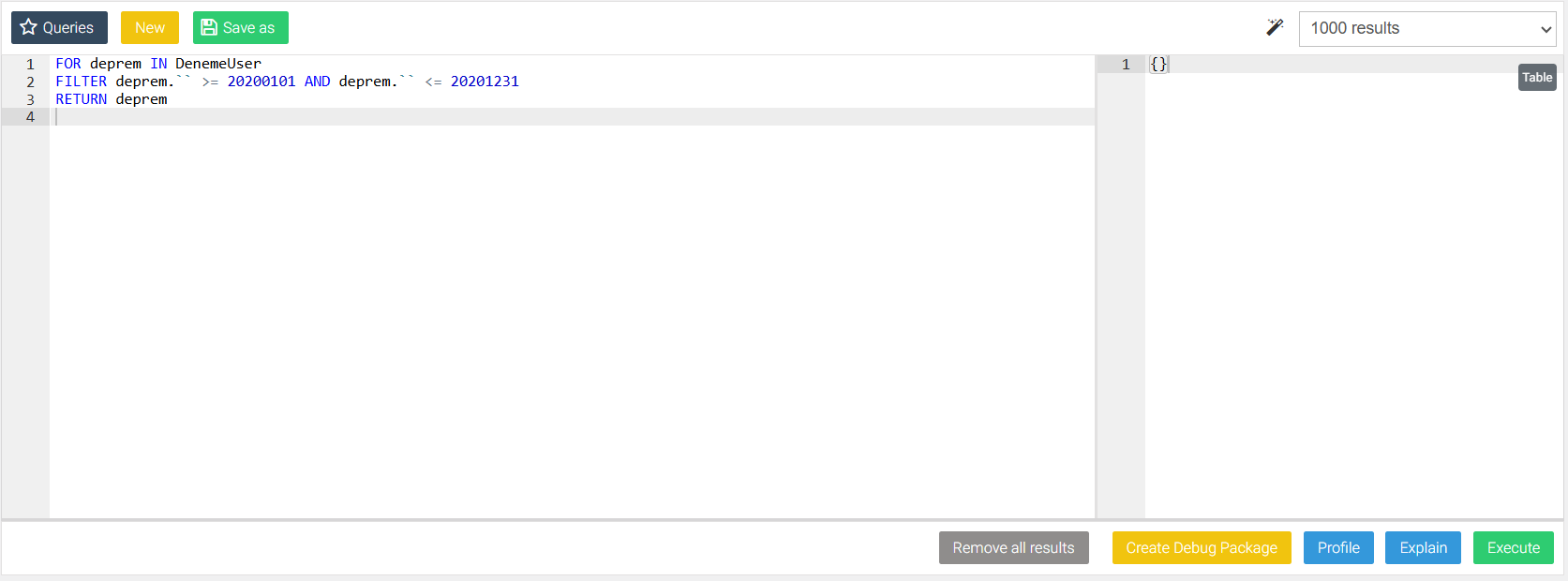
**Çıktı:**

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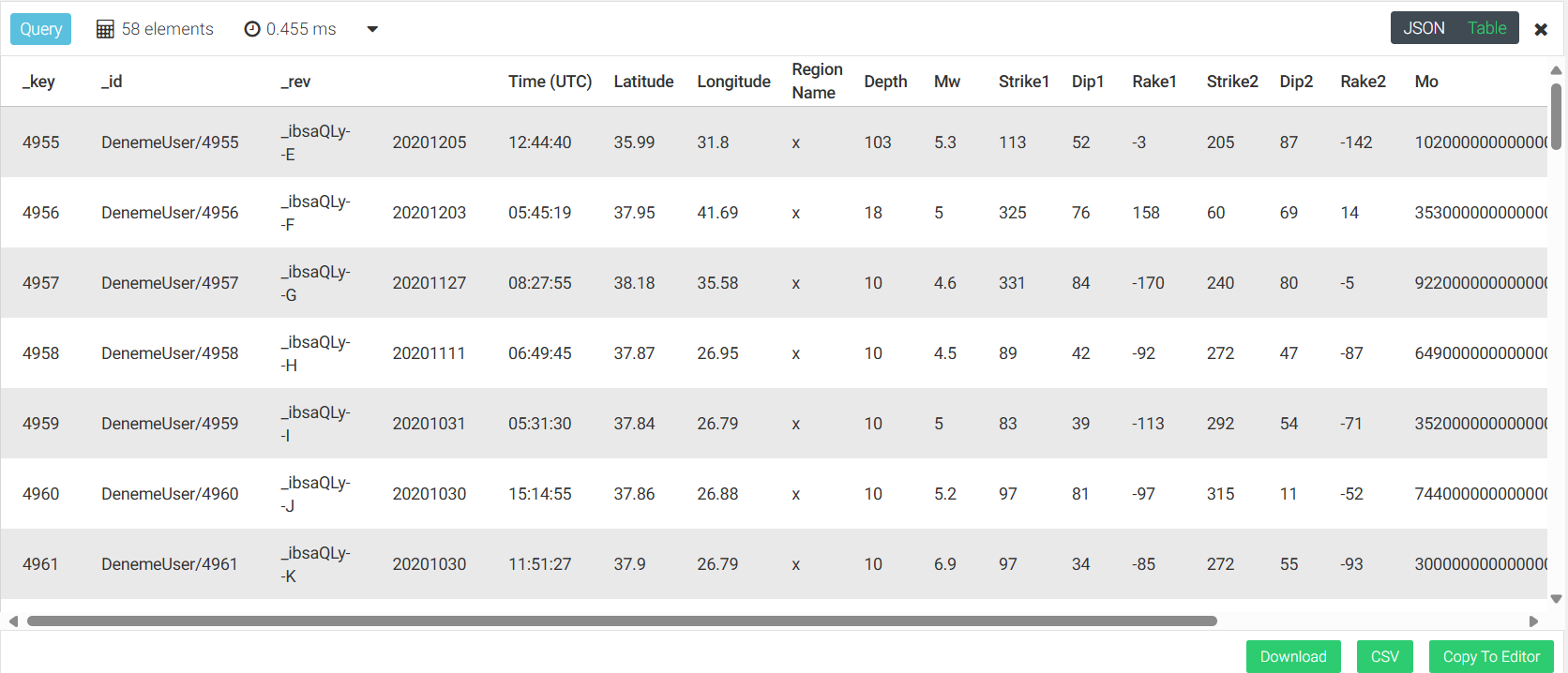
**(4)** **2020 Yılı İçinde Gerçekleşen Depremleri Bulunuz:**

**AQL:**

**Girdi:**

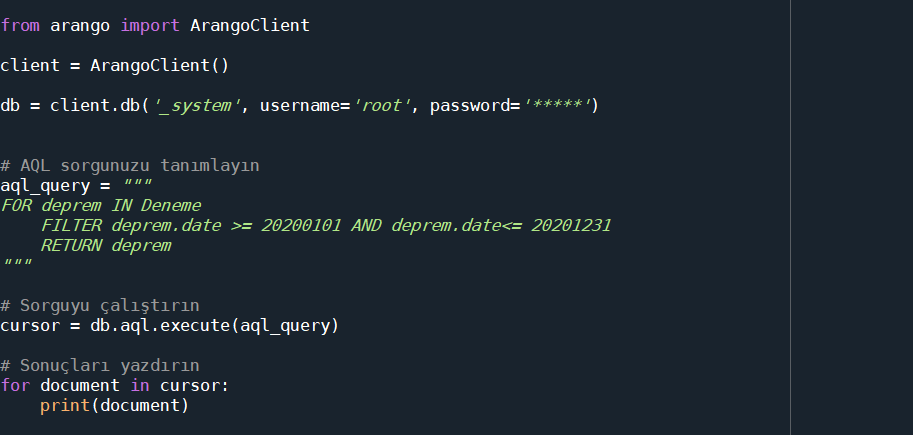
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**Çıktı:**

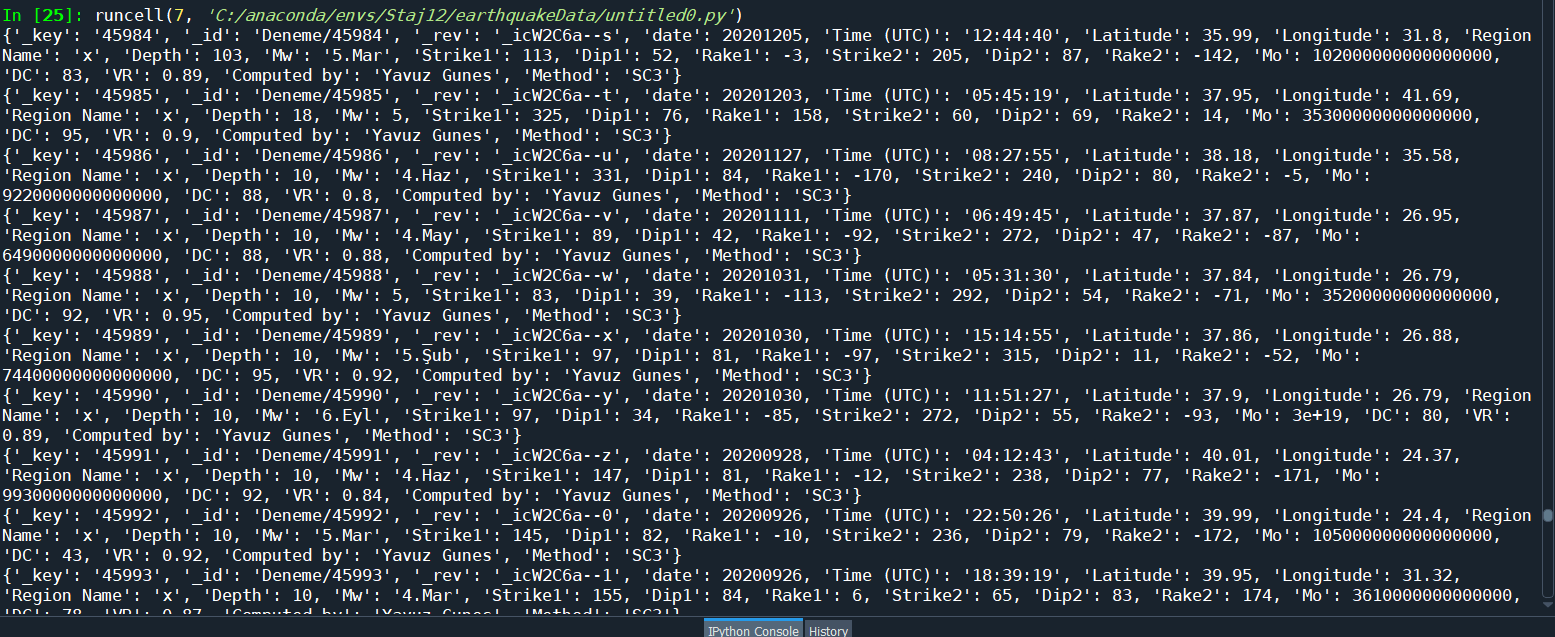
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**PYTHON:**

**Girdi:**

****

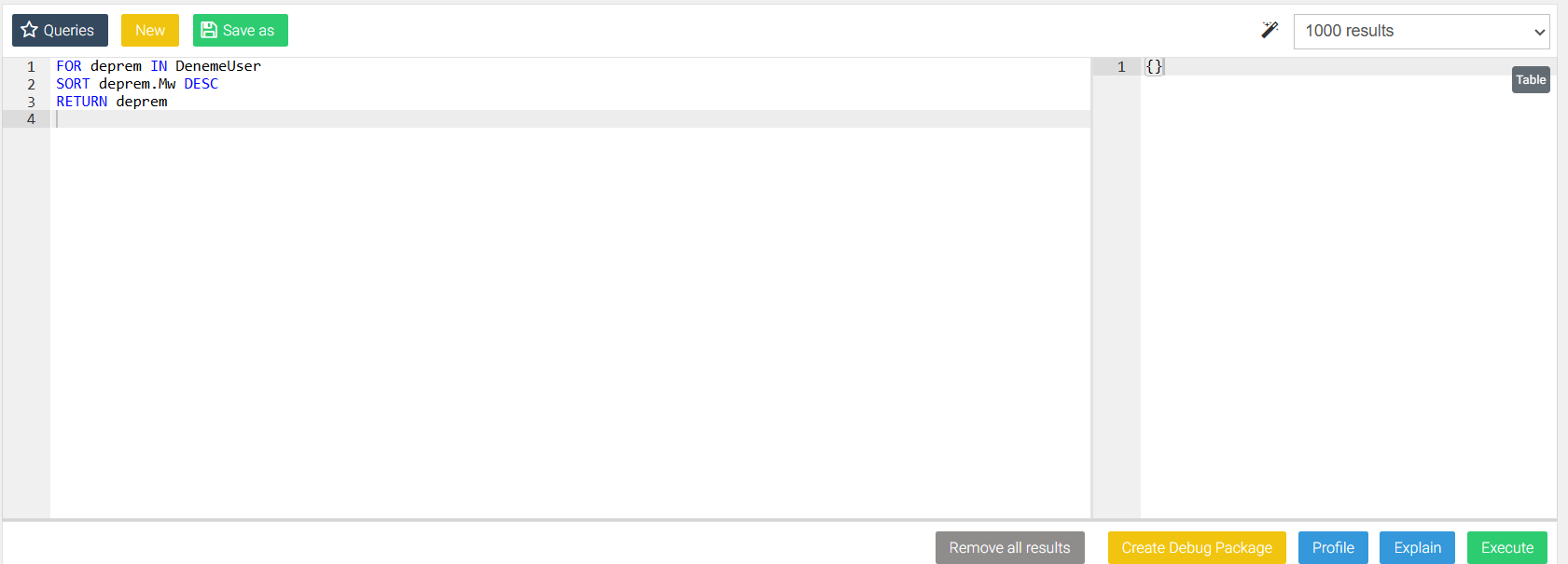
**Çıktı:**

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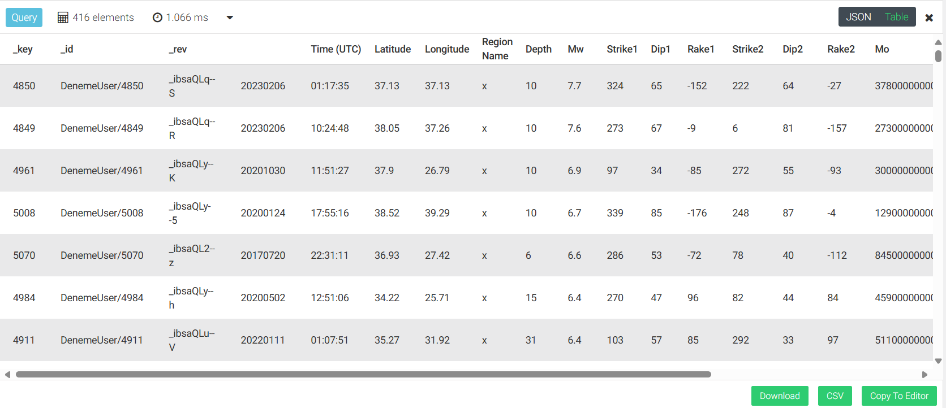
**(5)** **Deprem Büyüklüklerine Göre Sıralı Listeleyiniz:**

**AQL:**

**Girdi:**

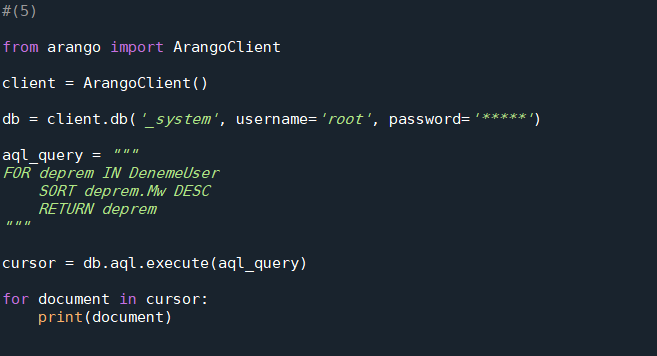
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**Çıktı:**

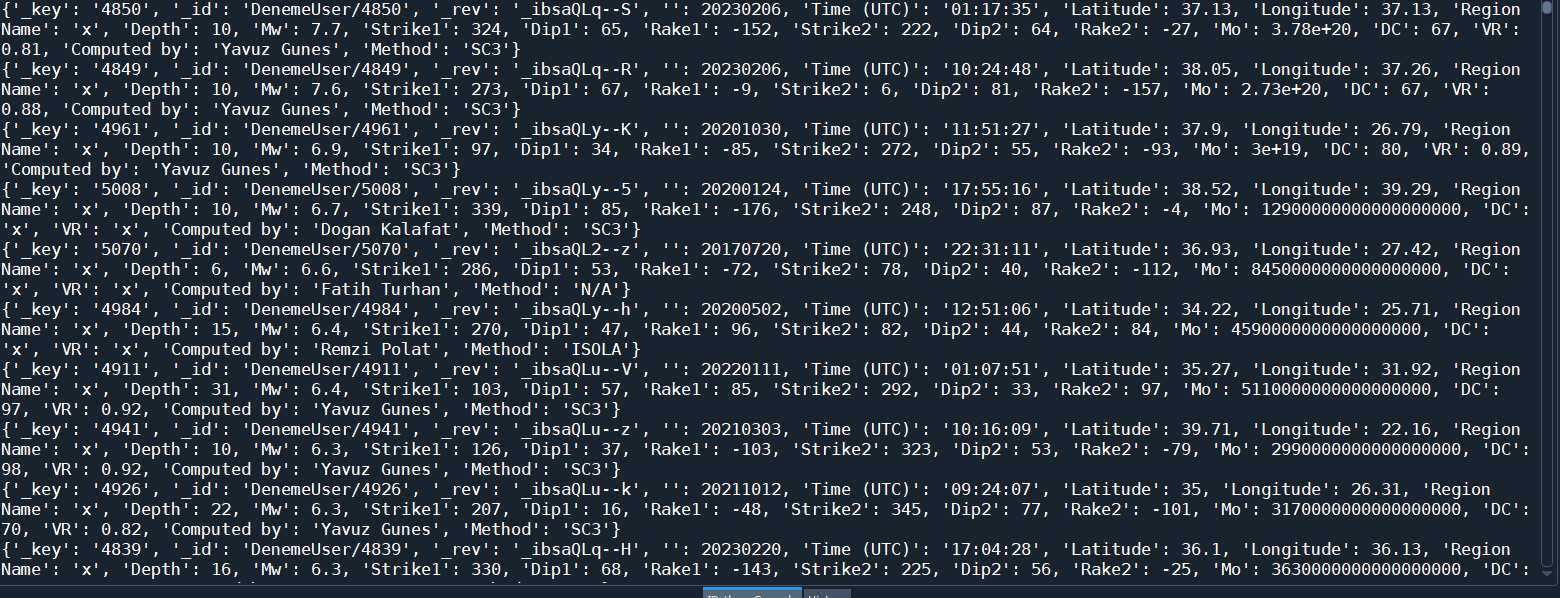
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**PYTHON:**

**Girdi:**

****

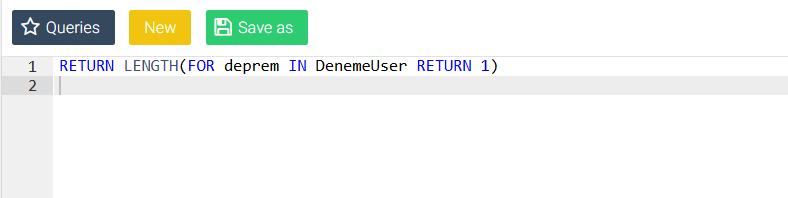
**Çıktı:**

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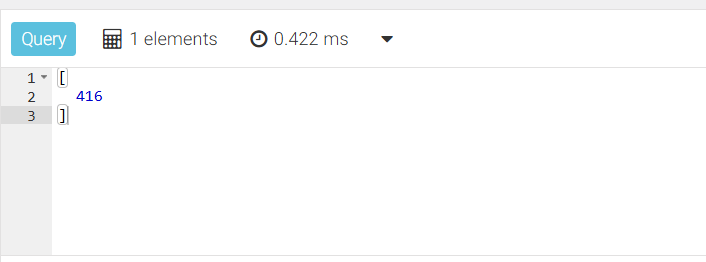
**(6)** **Toplam Deprem Sayısını Hesaplayınız:**

**AQL:**

**Girdi:**

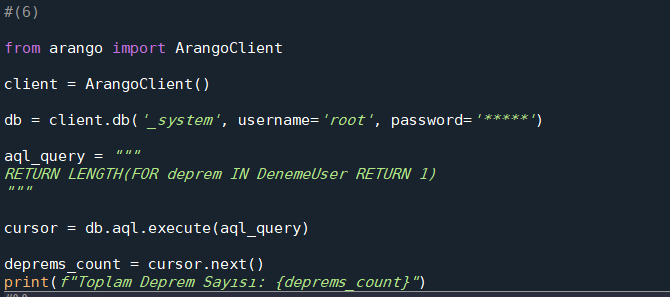
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**Çıktı:**

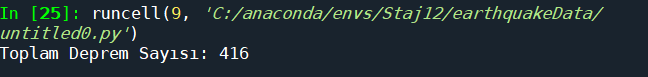
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**PYTHON:**

**Girdi:**

****

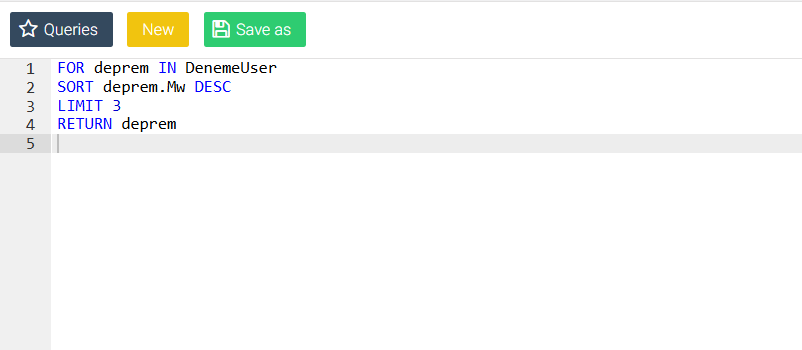
**Çıktı:**

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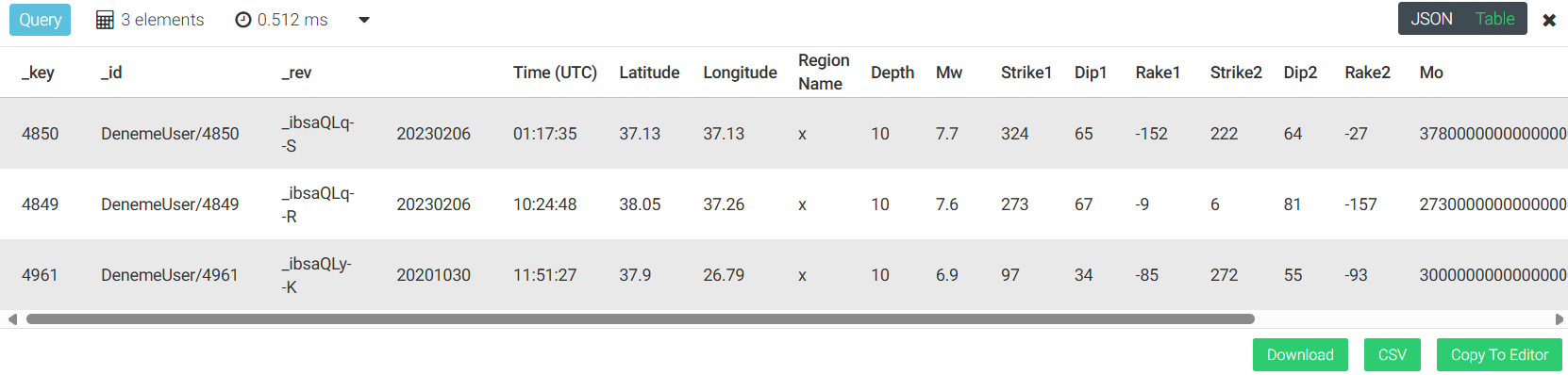
**(7)** **En Büyük 3 Depremi Bulunuz:**

**AQL:**

**Girdi:**

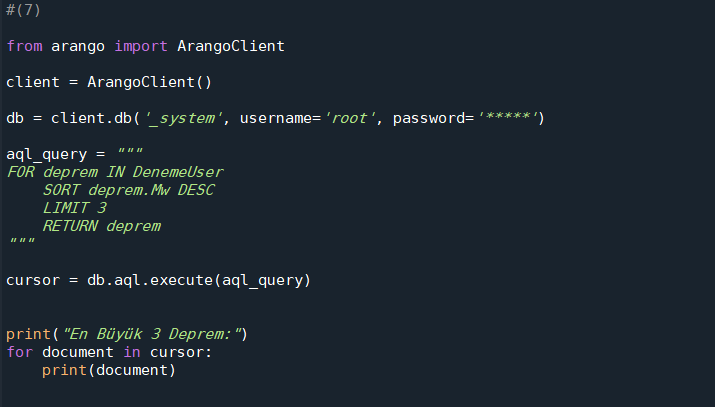
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**Çıktı:**

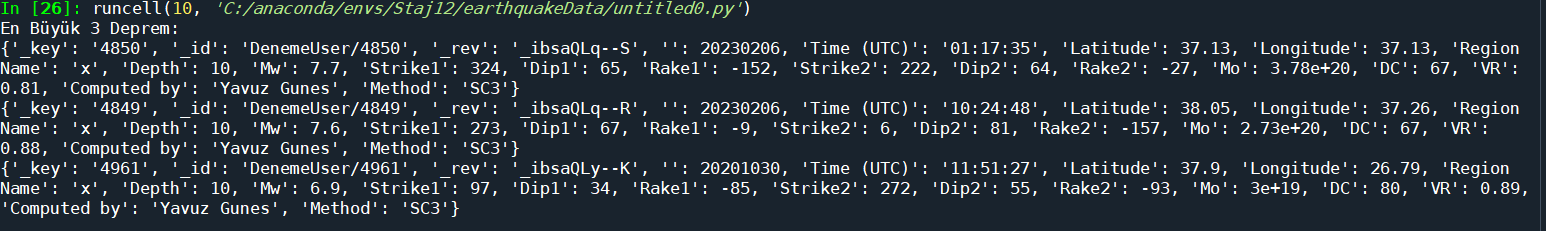
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**PYTHON:**

**Girdi:**

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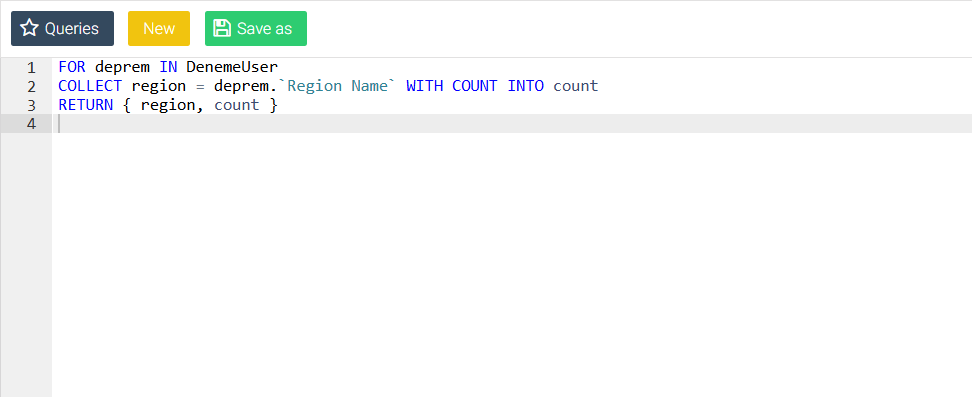
**Çıktı:**

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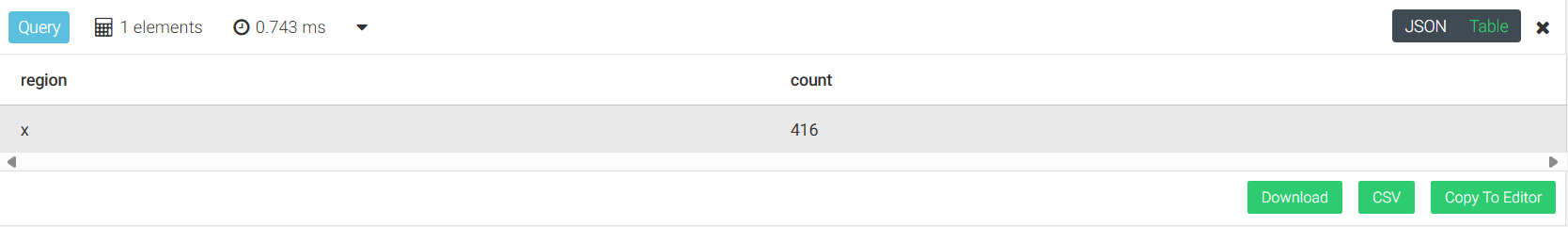
**(8)** **Her Bölgede Gerçekleşen Deprem Sayısını Listeleyiniz:**

**AQL:**

**Girdi:**

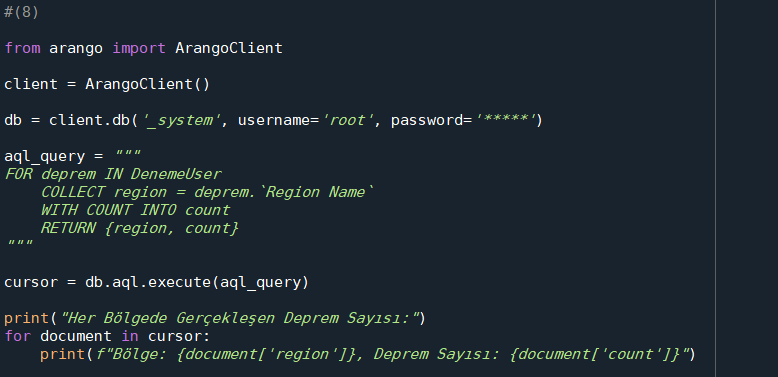
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**Çıktı:**

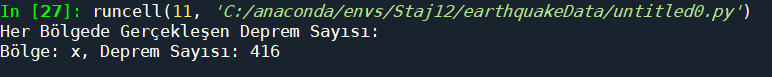
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**PYTHON:**

**Girdi:**

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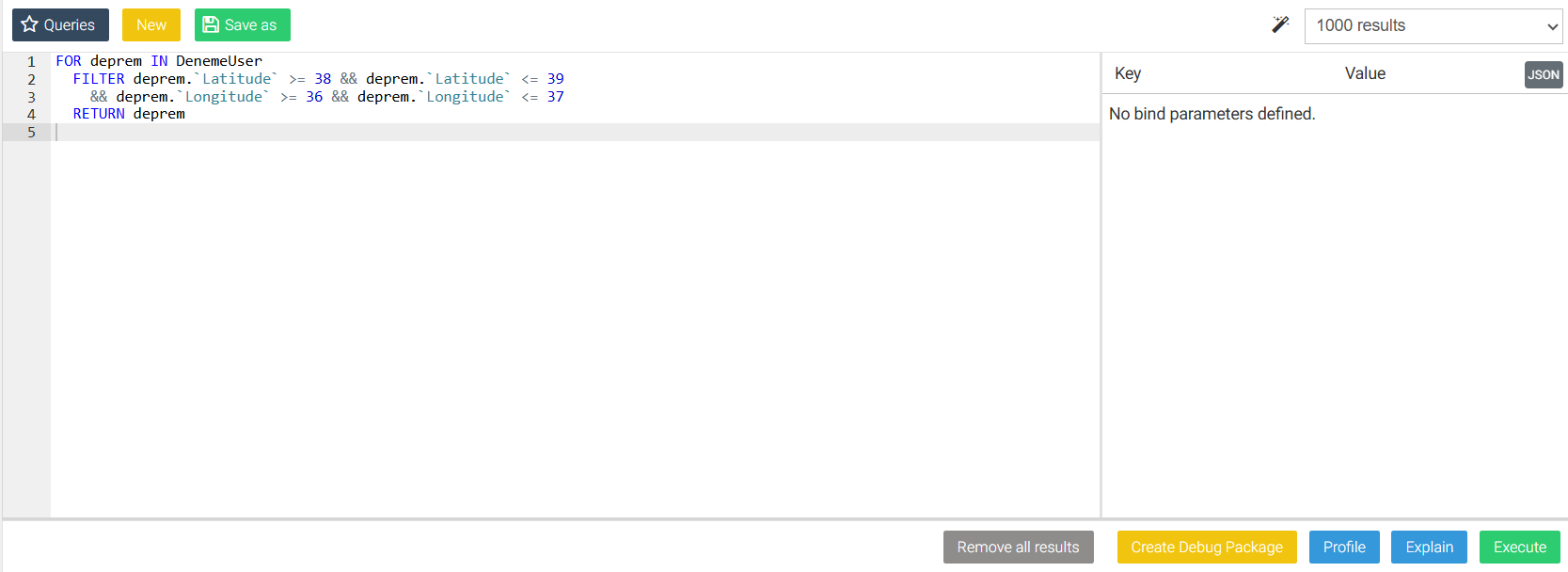
**Çıktı:**

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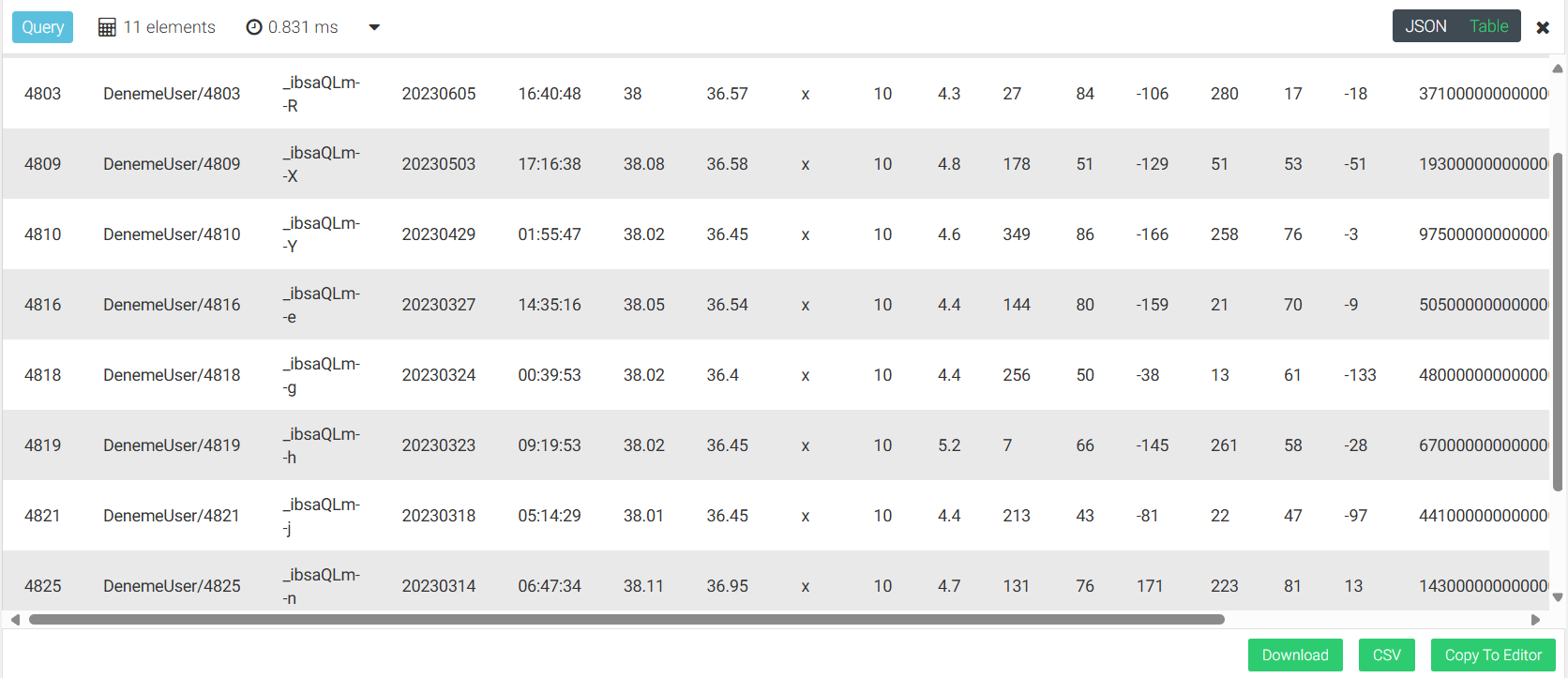
**(9)** **Enlem ve Boylam Bilgisiyle Belirli Bir Bölgede Olan Depremleri Bulunuz:**

**AQL:**

**Girdi:**

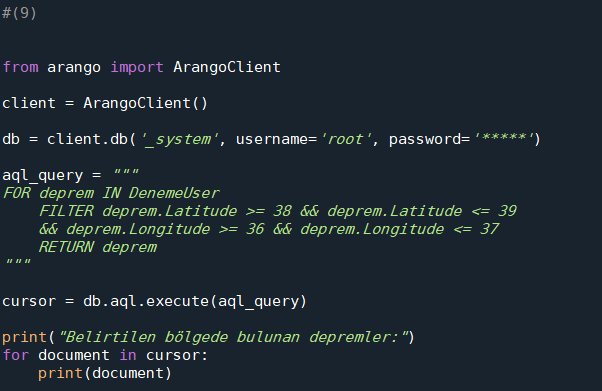
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**Çıktı:**

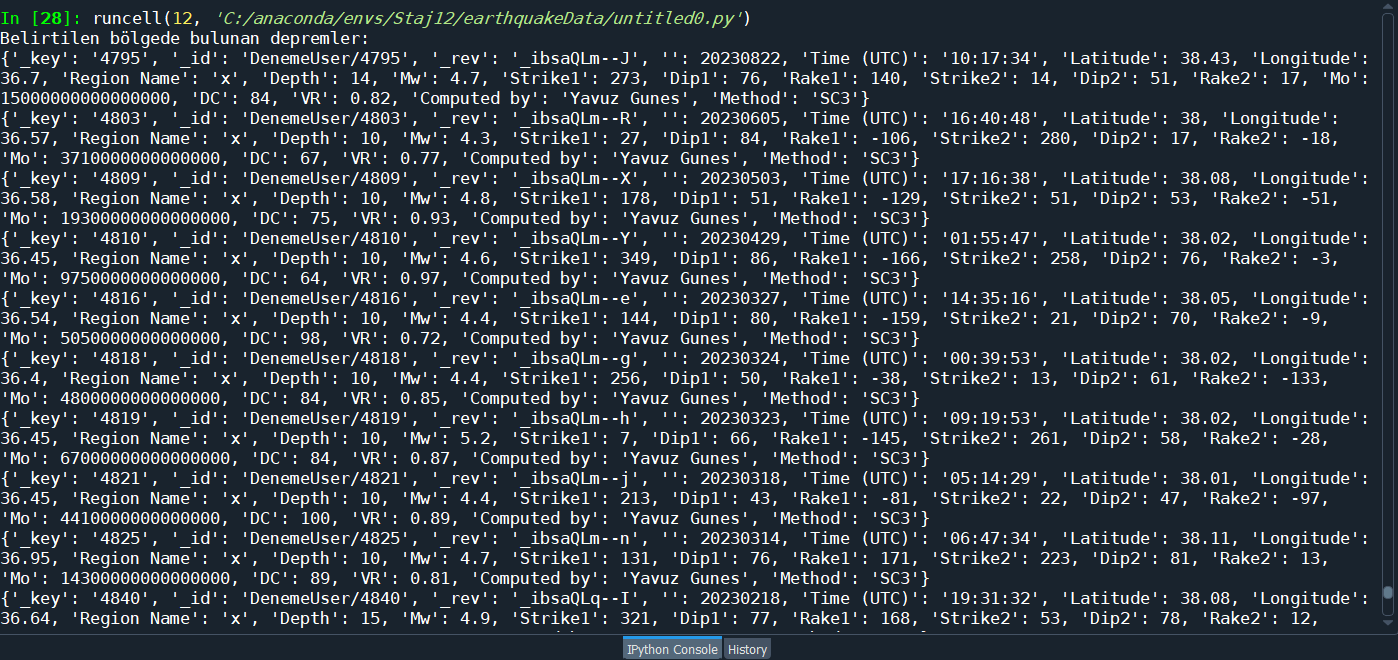
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**PYTHON:**

**Girdi:**

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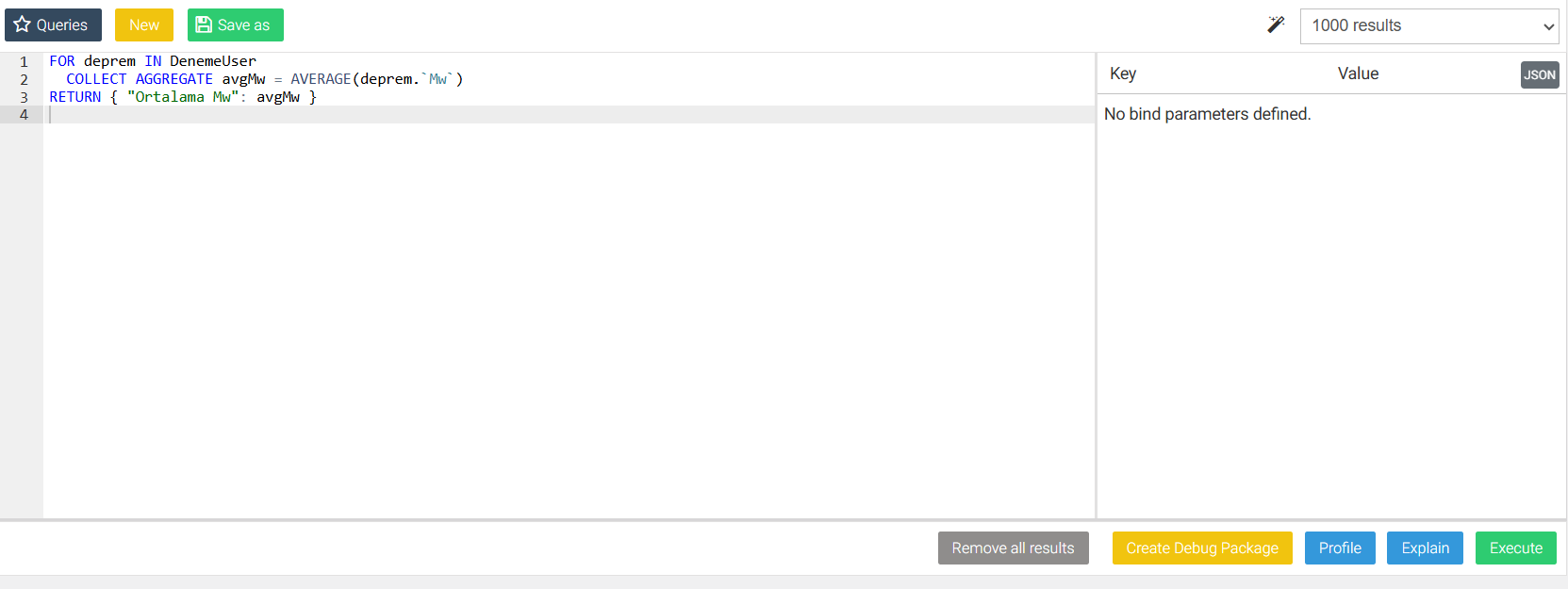
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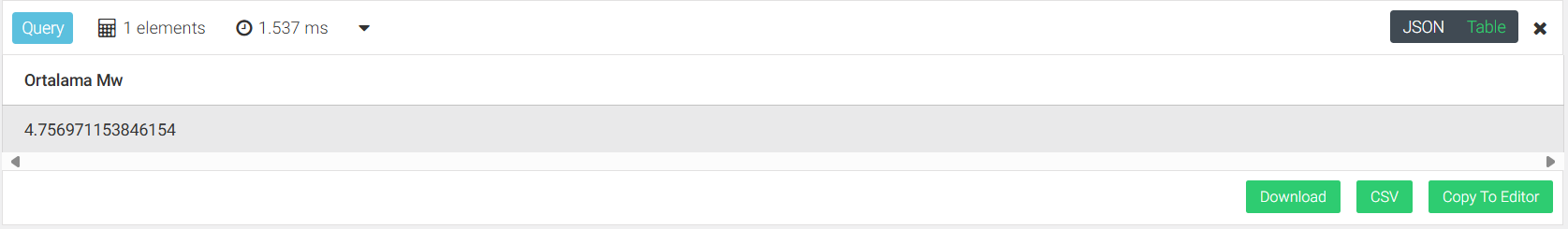
**(10)** **Depremlerin Ortalama Büyüklüğünü Hesaplayınız:**

**AQL:**

**Girdi:**

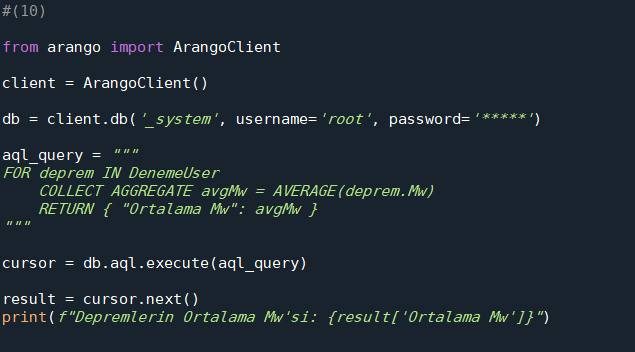
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**Çıktı:**

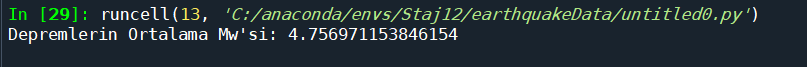
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**PYTHON:**

**Girdi:**

****

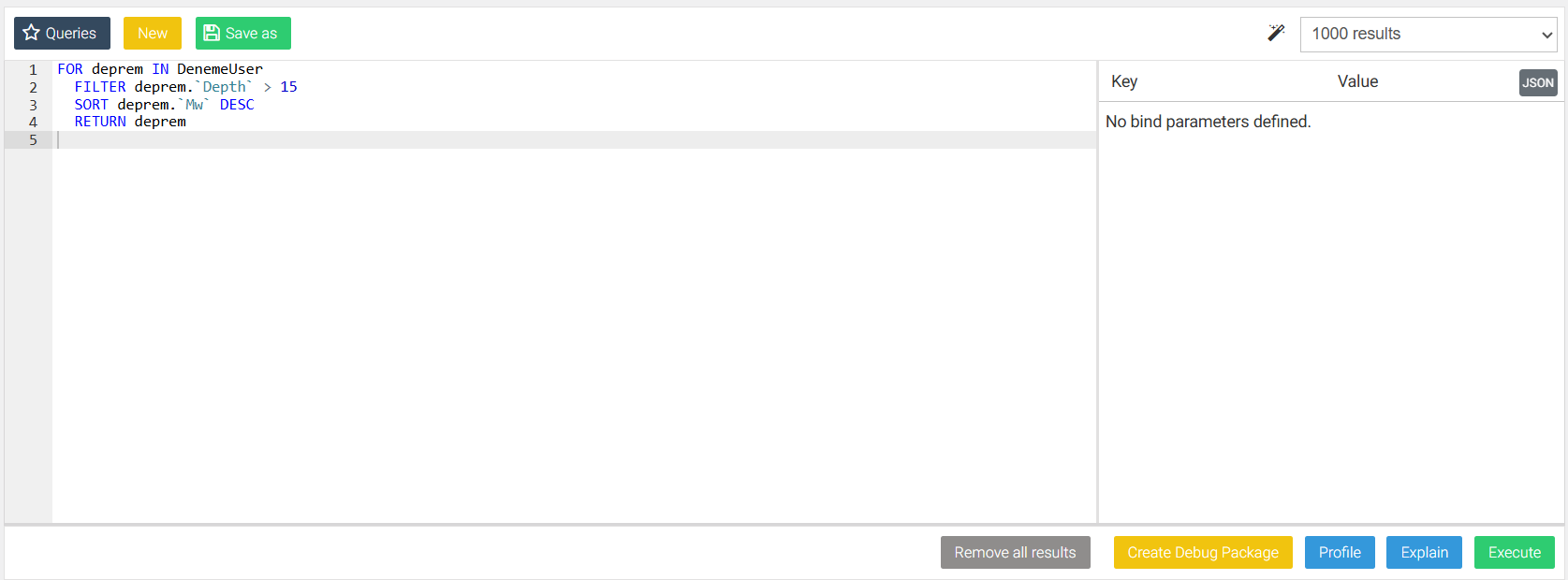
**Çıktı:**

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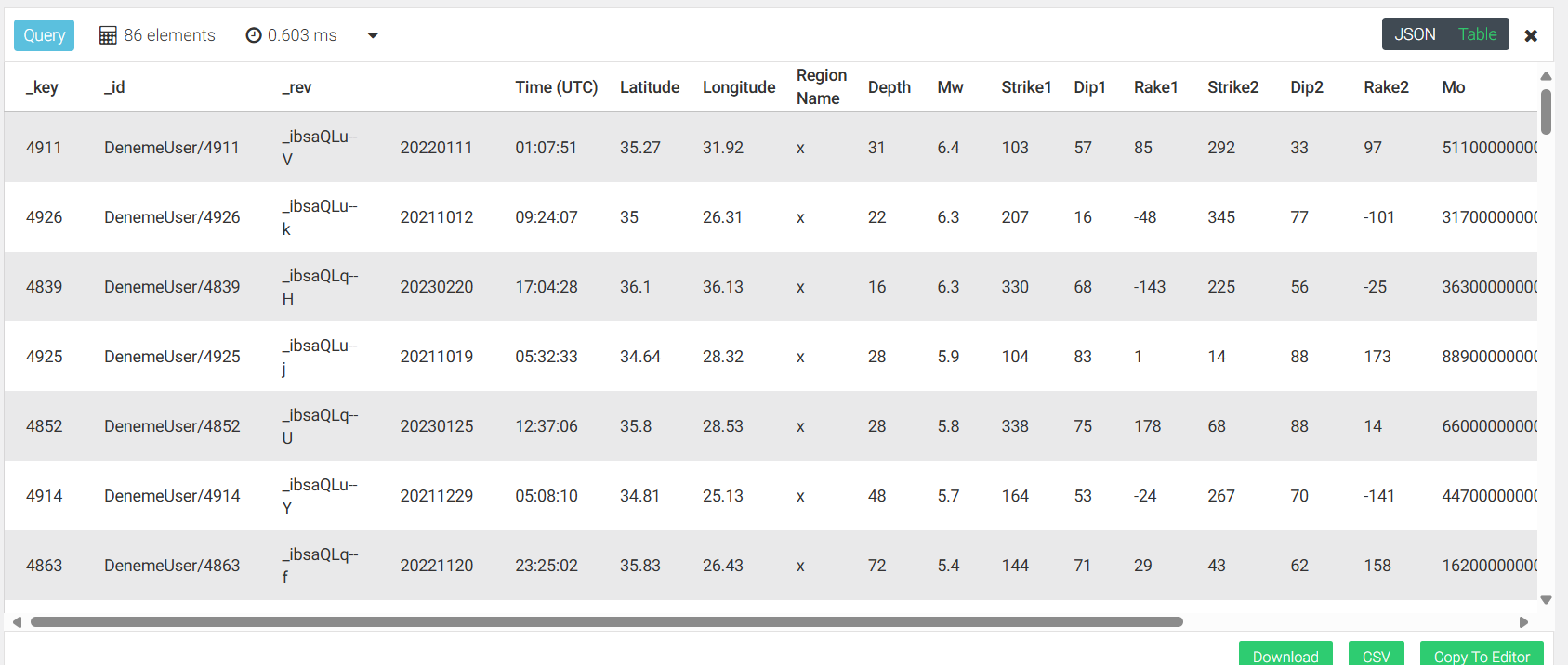
**(11)** **Derinliği 15 km'den Fazla Olan Depremleri Getir ve Büyüklüklerine Göre Sırala:**

**AQL:**

**Girdi:**

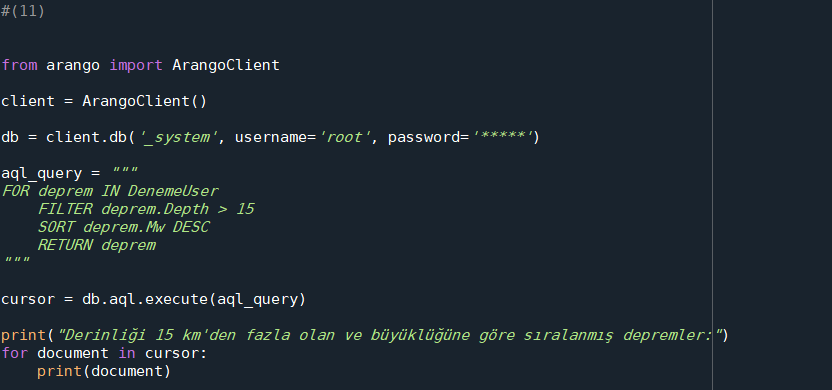
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**Çıktı:**

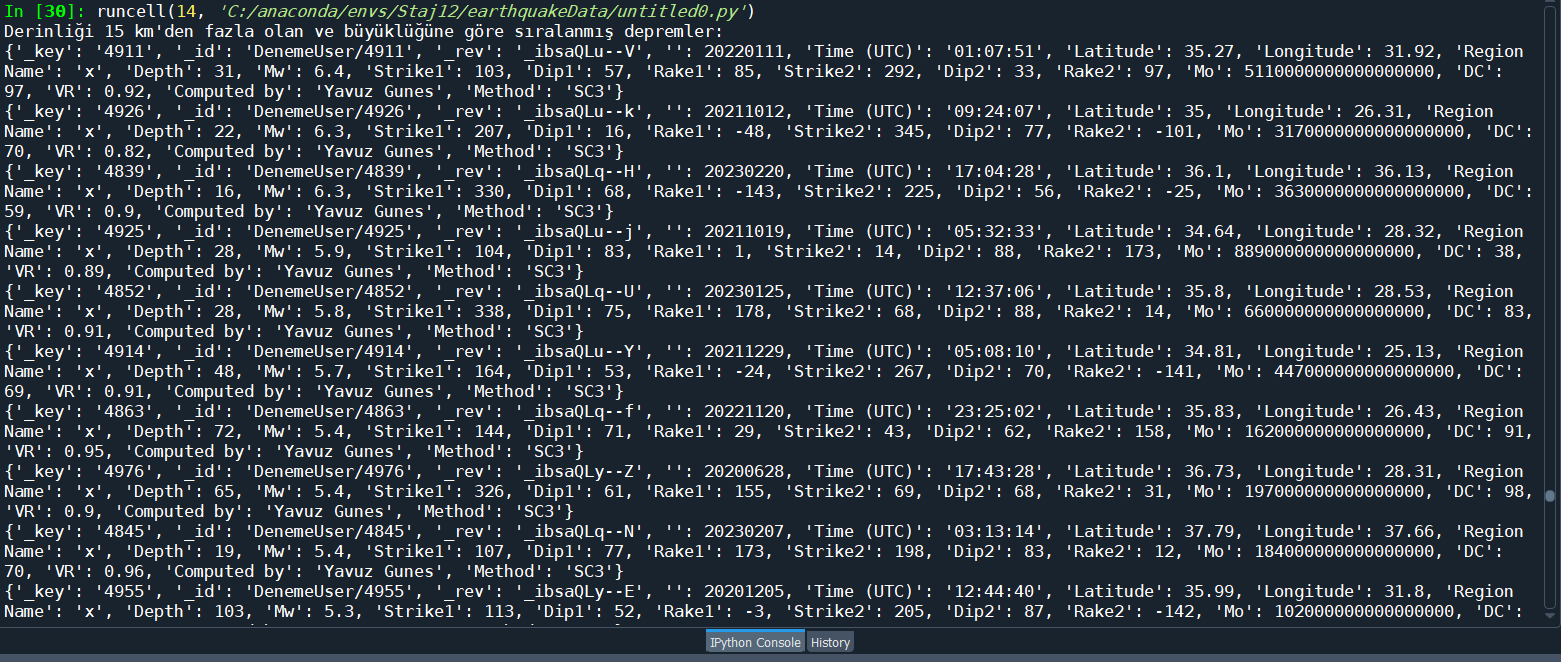
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**PYTHON:**

**Girdi:**

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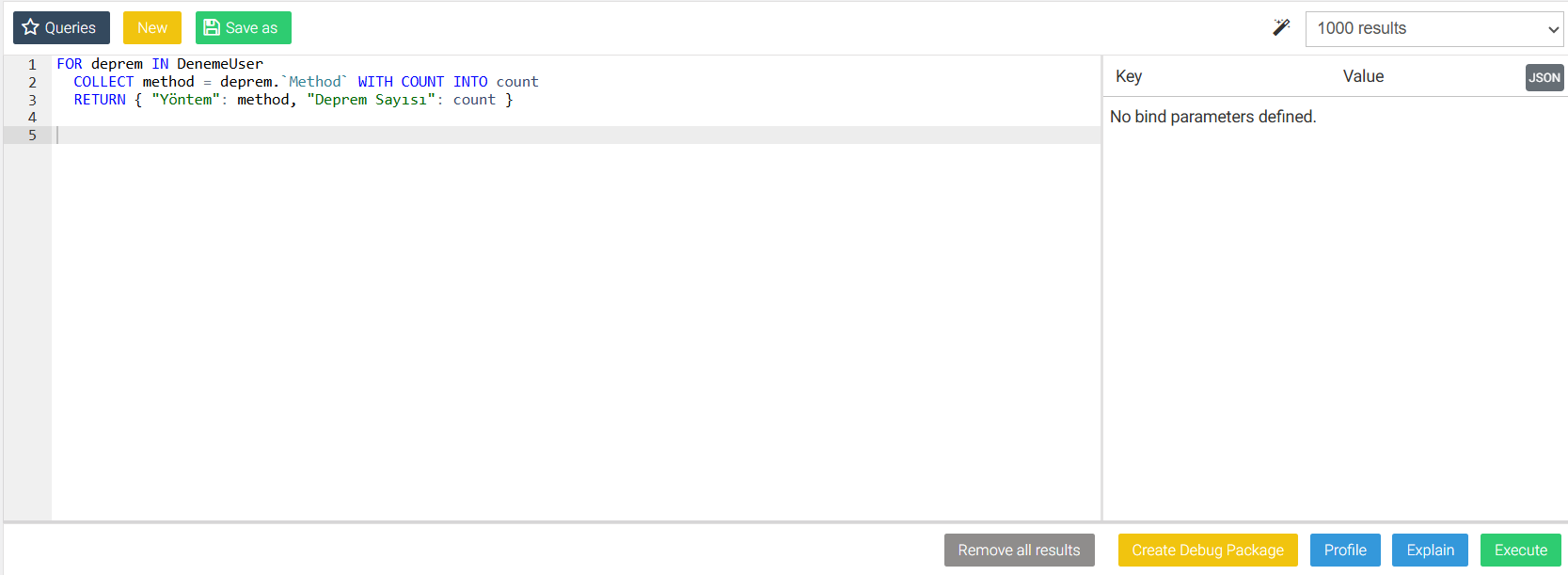
**Çıktı:**

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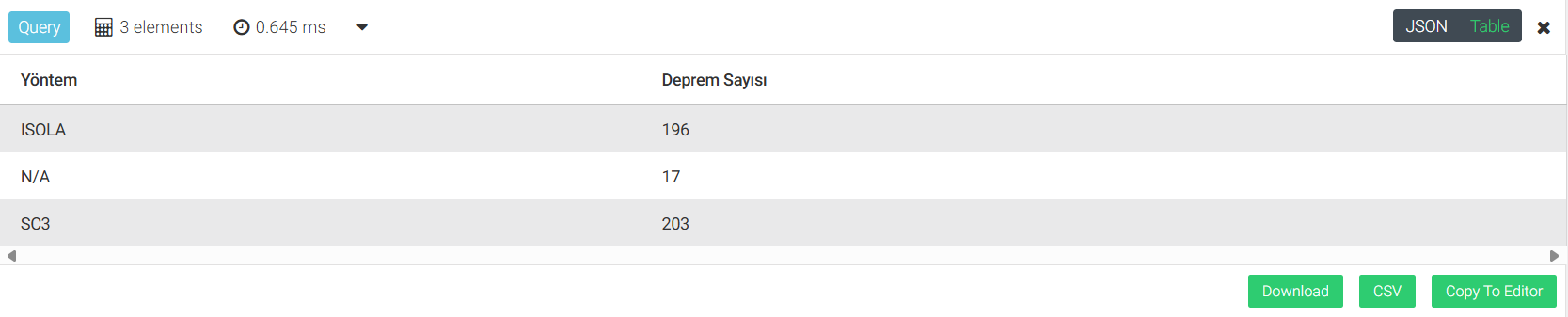
**(12)** **Kullanılan Yönteme Göre Deprem Sayısını Listele:**

**AQL:**

**Girdi:**

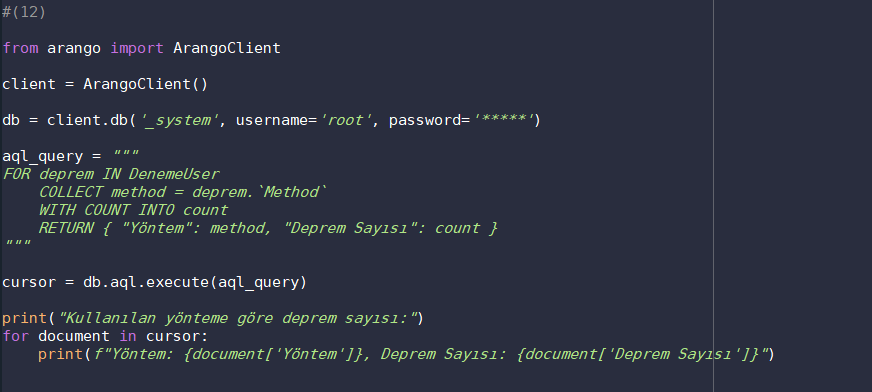
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**Çıktı:**

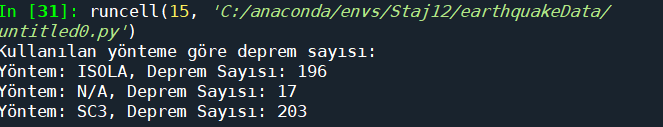
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**PYTHON:**

**Girdi:**

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**Çıktı:**

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