Back-end Engineer.

Notes on my task.

The code is in the ***musicbrainz_api_func.py*** .
First, make sure you have requests installed with **pip install requests** and **python 3.6+ (**I used python 3.9**)**

The function is run as a python file. In terminal run **python musicbrainz_api_func.py** or if you using an IDE run it.

In the terminal you will prompted with inputs and you will be asked to enter the values.

> Enter limit value:(enter int value of your choice)
> Enter offset value:(enter int value of your choice)
> Enter artist id:(enter the artist id)

The limit is for pagination, from the required 50 to 150, more or less.
as shown below:

```
(projects-django) (base) 10:42[nyaribari@foscraft BMAT-APIS]$ python musicbrainz_api_func.py
Enter limit value :5
Enter offset value :0
Enter artist id :65f4f0c5-ef9e-490c-aee3-909e7ae6b2ab
```

Then the result should show

```
(projects-django) (base) 10:42[nyaribari@foscraft BMAT-APIS]$ python musicbrainz_api_func.py
Enter limit value :5
Enter offset value :0
Enter artist id :65f4f0c5-ef9e-490c-aee3-909e7ae6b2ab
{'albums': [{'id': '0da580f2-6768-498f-af9d-2becaddf15e0', 'title': 'Ride the Lightning', 'year': '1984-07-30', 'release_count': 807}, {'id': '3d00fb4
5-f8ab-3436-a8e1-b4bfc4d66913', 'title': 'Master of Puppets', 'year': '1986-02-21', 'release_count': 807}, {'id': '67553e23-8dad-3792-b6f2-8fedd5650ff
3', 'title': '…And Justice for All', 'year': '1988-08-25', 'release_count': 807}, {'id': 'e8f70201-8899-3f0c-9e07-5d6495bc8046', 'title': 'Metallica',
 'year': '1991-08-12', 'release_count': 807}, {'id': 'f44f4f73-a714-31a1-a4b8-bfcaaf311f50', 'title': 'Kill 'Em All', 'year': '1983-07-25', 'release_c
ount': 807}]}
(projects-django) (base) 10:43[nyaribari@foscraft BMAT-APIS]$
```

In the example above, I used **5** as the **limit, 0** as the **offset** and the 65f4f0c5-ef9e-490c-aee3-909e7ae6b2ab . as the **id**
The code should give the anticipated result.

Shown below is for the 100 pagination limit:

```
(projects-django) (base) 11:15[nyaribari@foscraft final]$ python musicbrainz_api_func.py
Enter limit value :100
Enter offset value :0
Enter artist id :65f4f0c5-ef9e-490c-aee3-909e7ae6b2ab
```

{'albums': [{'id': '00f59d74-255f-4979-8b20-0ea64be3a065', 'title': 'Live at Sportovni Hala, Prague, CZ Sep 9 1996', 'year': '1996-09-09', 'release_count': 807}, {'id': '03810812-26d5-3d4e-b1df-04012eb0d949', 'title': '2004-10-17: Washington, DC, USA', 'year': '2004-10', 'release_count': 807}, {'id': '03e4dbdd-50e1-32dd-b2f0-a835ba8eb51f', 'title': '1989-02-03: Erwin Events Center, Austin, TX, USA', 'year': '2005-07', 'release_count': 807}, {'id': '0ab43c1a-ad5b-37fe-86d9-5b25db4a6de0', 'title': '2004-10-01: Auburn Hills, MI, USA', 'year': '2004-10', 'release_count': 807}, {'id': '0da580f2-676 8-498f-af9d-2becaddf15e0', 'title': 'Ride the Lightning', 'year': '1984-07-30', 'release_count': 807}, {'id': '1112c5f7-7986-36b8-84f1-1c0dc7085be4', 'title': '2004-08-30: Hilton Coliseum, Ames, IA, USA', 'year': '2004-09-02', 'release_count': 807}, {'id': '1d11473c-b310-38b9-b340-48f99f675932', 'ti tle': '2004-03-18: Rose Garden, Portland, OR, USA', 'year': '2004', 'release_count': 807}, {'id': '1ed38798-7fd4-3af0-ad15-7d42951c15a3', 'title': '20 04-06-19: La Romareda Stadium, Zaragoza, Spain', 'year': '2004-08-05', 'release_count': 807}, {'id': '2032ccf0-09d9-36ff-8ba5-343542b7c7ce', 'title': '1996-12-21: Great Western Forum, Los Angeles, CA, USA', 'year': '2007-06-27', 'release_count': 807}, {'id': '2bcddc3b-87ff-3beb-aab2-97658cd9563c', ' title': '1995-08-23: Loud but Secret: London Astoria II, London, UK', 'year': '1995', 'release_count': 807}, {'id': '2e0c1522-5a0e-3b0e-936c-7690d9781 505', 'title': '2004-07-02: Werchter, Belgium', 'year': '2004-08-05', 'release_count': 807}, {'id': '2ee305b8-4476-36cf-be5a-848cf0307ca0', 'title': ' 1987-02-13: Frölundaborg, Gothenburg, Sweden', 'year': '2006-01-17', 'release_count': 807}, {'id': '30dac558-6190-3747-a07b-16daac562001', 'title': '2 003/07/13 Orlando, FL', 'year': '2006', 'release_count': 807}, {'id': '319e3fd6-e9ec-36b3-b3bd-43e7f0ff1b6d', 'title': '2004-06-13: Munich, Germany', 'year': '2004-08-05', 'release_count': 807}, {'id': '322fd048-a230-47c9-a8ab-e11af009dcb6', 'title': '1992/09/27 Los Angeles, CA', 'year': '1992-09-27 ', 'release_count': 807}, {'id': '336dcacf-cd52-3ded-87af-a399bb619d9c', 'title': '2004-05-26: Parken, Copenhagen, Denmark', 'year': '2004-06-11', 're lease_count': 807}, {'id': '33bc0017-7a2b-344c-8492-fb3fe75241a3', 'title': '2004-06-15: Belgrade, Serbia', 'year': '2004-08-05', 'release_count': 807 }, {'id': '36da2914-29c7-3a74-8711-6c16b6e41c8f', 'title': '2004-10-07: Corel Centre, Ottawa, ON, Canada', 'year': '2004-10', 'release_count': 807}, { 'id': '38d1077e-c270-49a8-92ca-87e7eb8d9fe4', 'title': 'Lulu', 'year': '2011-10-31', 'release_count': 807}, {'id': '38fde4bf-0d5c-36f7-ba47-d8577af1e2 22', 'title': '2004-08-27: Chicago, IL, USA', 'year': '2004', 'release_count': 807}, {'id': '3d00fb45-f8ab-3436-a8e1-b4bfc4d66913', 'title': 'Master o f Puppets', 'year': '1986-02-21', 'release_count': 807}, {'id': '4251f95b-f7b6-3336-a763-96947c4e0ae3', 'title': '2004-11-09: Pensacola, FL, USA', 'ye ar': '2004-11', 'release_count': 807}, {'id': '43998b0c-93f5-3a92-836e-332f0b889280', 'title': '2006-06-06: Waldbuhne, Berlin, Germany', 'year': '2006 -06', 'release_count': 807}, {'id': '4575b964-f5af-3dcb-b419-a25565aca5ff', 'title': '2004-06-21: Amsterdam Arena, Amsterdam, The Netherlands', 'year' : '2004-08-05', 'release_count': 807}, {'id': '48c8c54e-506a-3b47-a72b-e2fc7090269b', 'title': 'The Videos: 1989–2004', 'year': '2006-12-05', 'release _count': 807}, {'id': '49371adc-871d-38f6-bb60-fd9e5af6795f', 'title': 'S&M', 'year': '1999-11-22', 'release_count': 807}, {'id': '4db279d8-9fa0-3ca8- acfb-6effef32e04a', 'title': 'Cunning Stunts', 'year': '1998-12-08', 'release_count': 807}, {'id': '4debba4b-5498-3291-9200-61add30b37f8', 'title': '2 006-06-10: Download Festival, Donington, UK', 'year': '2006-06-26', 'release_count': 807}, {'id': '4e5b4698-08e2-3cc6-b4c1-87dc6d4db009', 'title': '19 99-05-21: Rock im Park: Frankenstadion, Nürnberg, Germany', 'year': '2006-03-04', 'release_count': 807}, {'id': '55141a0e-ce85-38ba-be0b-a5876c8b40d7' , 'title': '2004-05-31: Śląski Stadium, Chorzów, Poland', 'year': '2004-06-11', 'release_count': 807}, {'id': '55d8ab42-990b-4c94-93c8-9ca7927b5fc0', 'title': 'Hardwired… to Self-Destruct', 'year': '2016-11-18', 'release_count': 807}, {'id': '5c8a25bf-4764-3cce-8f37-30af79d3b101', 'title': 'Death Ma gnetic', 'year': '2008-09-06', 'release_count': 807}, {'id': '5ef0bf0d-341a-397a-88a9-63938d3b76e2', 'title': '1986/05/24 Cape Girardeau, MO', 'year': '2006-04-11', 'release_count': 807}, {'id': '60b24278-ae8d-3e1f-88b6-eed139d83c2e', 'title': '1998/07/08 Cuyahoga Falls, OH', 'year': '2005-12-13', 'release_count': 807}, {'id': '639197db-f138-37e8-93c2-f098ca83ecb4', 'title': '2004-05-30: Ullevi, Gothenburg, Sweden', 'year': '2004', 'release_count ': 807}, {'id': '63d5fe34-65c7-3bbf-9cad-6119c76de926', 'title': "2006-01-25: Harry O's, Park City, UT, USA", 'year': '2006', 'release_count': 807}, { 'id': '660b5b6e-65aa-3ec2-b442-d19b6073cdcb', 'title': '2004-03-02: Phoenix, AZ, USA', 'year': '2004', 'release_count': 807}, {'id': '66b13ea2-83ed-39 3f-aeab-c2c19814b409', 'title': '2004-06-06: Download Festival, Donington, UK', 'year': '2004-08-05', 'release_count': 807}, {'id': '67553e23-8dad-379 2-b6f2-8fedd5650ff3', 'title': '…And Justice for All', 'year': '1988-08-25', 'release_count': 807}, {'id': '6e03fa49-f243-3eda-a7b8-0de12b48bead', 'ti