

Code for the function creation:

```
CREATE FUNCTION get_addresses(pattern varchar, lower_bound int, upper_bound int)
returns setof address
as
$$
Begin
    return query SELECT * FROM "address"
    WHERE address.address LIKE '11%' AND (address.address_id BETWEEN lower_bound
AND upper_bound);
End;
$$

LANGUAGE 'plpgsql';
```

The output of the function:

	get_addresses address	
1	(400,"1152 Citrus Heights Manor","",al-Qadarif,15,5239,765957414528,"2006-02-15 09:45:30")	
2	(403,"1190 0 Place","",Rio Grande do Sul,44,10417,841876514789,"2006-02-15 09:45:30")	
3	(466,"118 Jaffna Loop","",Northern Mindanao,182,10447,325526730021,"2006-02-15 09:45:30")	
4	(481,"1153 Allende Way","",Qubec,179,20336,856872225376,"2006-02-15 09:45:30")	
5	(507,"1197 Sokoto Boulevard","",West Bengali,478,87687,868602816371,"2006-02-15 09:45:30")	
6	(511,"1152 al-Qatif Lane","",Kalimantan Barat,412,44816,131370665218,"2006-02-15 09:45:30")	
7	(528,"1176 Southend-on-Sea Manor","",Southern Tagalog,458,81651,236679267178,"2006-02-15 09:45:30")	

The output of the Python script (ex1.py):

```
(38.6830412, -121.3069555)
(50.8239854, 4.3347328)
0 0
(53.3942146, -1.4199872)
0 0
(26.2844342, 50.1116357)
(51.5364227, 0.6900118)
```