

Answer 1:

select A from table1 where A not in (select A from table2);

Answer 2:

Some of the techniques for preventing scrapy spider to get banned are:

- i) Spoofing: A list of user agents and requests can be made. Any user agent can be chosen randomly for each request. The user agent can be set to a common web browser so that the user agent looks an authentic one.
- ii) Random Crawling: In order to trick anti-crawling measures, add random mousemovements and actions. This will ensure the user agent to be a genuine user instead of a robot.
- iii) Rotating IPs: Server can easily detect multiple requests from a single IP. However, if you create a pool of IPs and select the IP randomly in order to process each request then it can trick the server. The services like TOR, ProxyMesh, VPNs, etc. can help in this.

Answer 3:

In order to allow another server with given IP to connect to PostgreSQL, we need to configure pg_hba.conf entries i.e., there is need to Adjust PostgreSQL configuration so that remote connections to the database are possible. So, update TYPE as host, DATABASE as postgres, USER as all/admiin/your choice, CIDR-ADDRESS as 123.11.22.15 and METHOD as trust/md5/any other. Also, check that listen_addresses in postgresql.conf allow all incoming connections as well by setting listen_addresses = '*' to avoid the ambiguity.