DNS

1. Update your system using the command:

    yum update

2. Install BIND and BIND utilities using the command

    yum install bind bind-utils

3. Start and enable the BIND service using the command

    systemctl start named
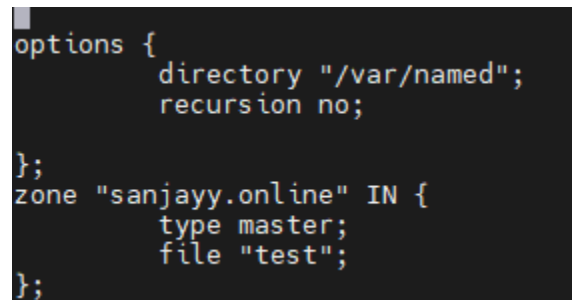
    systemctl enable named

4. Open the named.conf file and replace the existing code with the following. Replace <your domain name> with your actual domain name:

    command to open: vi /etc/named.conf

Code:

options {

    directory "/var/named";

    recursion no;

};

zone "<your domain name>" IN {

    type master;

    file "test";

};

```
options {
        directory "/var/named";
        recursion no;

};
zone "sanjayy.online" IN {
        type master;
        file "test";
};
```

5. Copy the named.empty file to the test file in the named directory:

    cp /var/named/named.empty /var/named/test

6. Open the test file and make the following entries. Replace <your domain> with your domain name everywhere in this file, and replace <ip for name server> with the IP address of your name server, and <ip of your site> with the IP address of your site:

    command to open file: vi /var/named/test

Code:

$TTL 1M

@   IN SOA   @ rname.invalid. (

                                        0   ; serial

                                        1D   ; refresh

                                        1H   ; retry
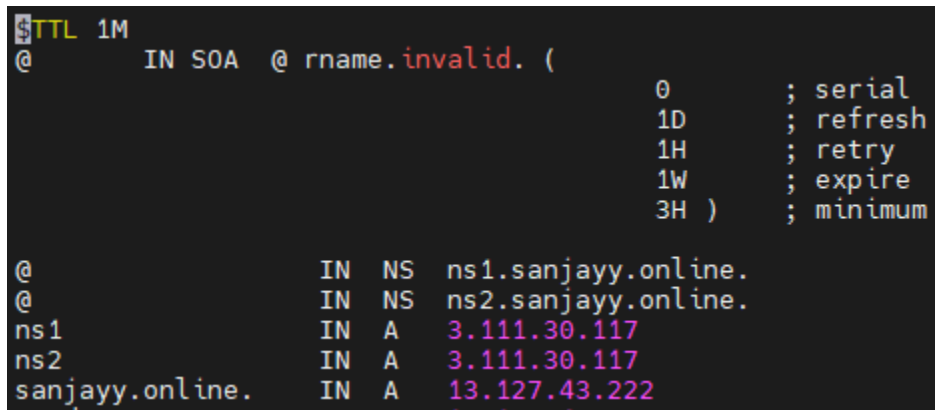
                                        1W   ; expire

                                        3H)   ; minimum

@   IN   NS   ns1.<your domain>.

@   IN   NS   ns2.<your domain>.

ns1   IN   A   <ip for name server>

ns2   IN   A   <ip for name server>

<your domain name>. IN   A   <ip of your site>

```
$TTL 1M
@        IN SOA   @ rname.invalid. (
                                    0         ; serial
                                    1D        ; refresh
                                    1H        ; retry
                                    1W        ; expire
                                    3H )      ; minimum

@                    IN   NS   ns1.sanjayy.online.
@                    IN   NS   ns2.sanjayy.online.
ns1                  IN   A    3.111.30.117
ns2                  IN   A    3.111.30.117
sanjayy.online.      IN   A    13.127.43.222
```

7. Restart the BIND service using the command:

systemctl restart named

8. Go to your domain provider's site, such as Hostinger.

9. Navigate to your domain settings and change the child name servers to ns1 and ns2, and provide the IP addresses mentioned in the test file.

Make entries like the following:

Create child nameservers

Register new child nameservers under your domain name

Child Nameserver 1*		IPv4 address*
ns1	.sanjayy.online	3.111.30.117

Child Nameserver 2*		IPv4 address*
ns2	.sanjayy.online	3.111.30.117

Add More

10. 10. Change the name server name to your specified Nameserver name as mentioned in the test file. For example, ns1.sanjayy.online and ns2.sanjayy.online.

Select Nameservers

○ Use Hostinger nameservers (recommended)

◉ Change nameservers

ns1.sanjayy.online

ns2.sanjayy.online

Now, when you search for your domain name on Google, your site should appear. For example: sanjayy.online.

FINISH