```
pratyay@pratyay-ROG-Strix-G531GT:~$ sudo apt install dnsutils
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  linux-headers-5.11.0-46-generic linux-hwe-5.11-headers-5.11.0-46
  linux-image-5.11.0-46-generic linux-modules-5.11.0-46-generic
  linux-modules-extra-5.11.0-46-generic
  linux-modules-nvidia-470-5.11.0-46-generic
  linux-objects-nvidia-470-5.11.0-46-generic
  linux-signatures-nvidia-5.11.0-46-generic vim-runtime
Use 'sudo apt autoremove' to remove them.
The following NEW packages will be installed:
  dnsutils
0 upgraded, 1 newly installed, 0 to remove and 91 not upgraded.
Need to get 2,756 B of archives.
After this operation, 47.1 kB of additional disk space will be used.
Get:1 http://in.archive.ubuntu.con/ubuntu focal-updates/universe amd64 dnsutils all 1:9.16.1-0ubuntu2.9 [2,756 B]
Fetched 2,756 B in 0s (8,582 B/s)
Selecting previously unselected package dnsutils.
(Reading database ... 272207 files and directories currently installed.)
Preparing to unpack .../dnsutils_1%3a9.16.1-0ubuntu2.9_all.deb ...
Unpacking dnsutils (1:9.16.1-0ubuntu2.9) ...
Setting up dnsutils (1:9.16.1-0ubuntu2.9) ...
pratyay@pratyay-ROG-Strix-G531GT:~$
```

```
1 options {
2         directory "/var/cache/bind";
3
4         dnssec-validation auto;
5
6         listen-on-v6 { any; };
7         resursion yes;
8         listen-on {172.16.0.15;};
9         allow-transfer {none;};
10
11        forwarders {
12        172.16.0.2;
13        }
14 };
15
```

```
pratyay@pratyay-ROG-Strix-G531GT: ~
pratyay@pratyay-ROG-Strix-G531GT:~$ sudo apt-get install bind9
[sudo] password for pratyay:
Reading package lists... Done
Building dependency tree
Reading state information... Done
bind9 is already the newest version (1:9.16.1-0ubuntu2.9).
The following packages were automatically installed and are no longer required:
  linux-headers-5.11.0-46-generic linux-hwe-5.11-headers-5.11.0-46 linux-image-5.11.0-46-generic linu
x-modules-5.11.0-46-generic linux-modules-extra-5.11.0-46-generic
  linux-modules-nvidia-470-5.11.0-46-generic linux-objects-nvidia-470-5.11.0-46-generic linux-signatu
res-nvidia-5.11.0-46-generic vim-runtime
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 122 not upgraded.
```

```
1 options {
2         directory "/var/cache/bind";
3
4         dnssec-validation auto;
5
6         listen-on-v6 { any; };
7         resursion yes;
8         listen-on {172.16.0.15;};
9         allow-transfer {none;};
10
11        forwarders {
12        172.16.0.2;
13        }
14 };
15
```

```
; <<>> DiG 9.16.1-Ubuntu <<>> classroom.google.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 28231
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;classroom.google.com.          IN      A

;; ANSWER SECTION:
classroom.google.com.   231     IN      A       142.250.183.110

;; Query time: 0 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Fri Mar 11 06:39:00 IST 2022
;; MSG SIZE  rcvd: 65
```

```
pratyay@pratyay-ROG-Strix-G531GT: ~
pratyay@pratyay-ROG-Strix-G531GT:~$ sudo apt-get install bind9
[sudo] password for pratyay:
Reading package lists... Done
Building dependency tree
Reading state information... Done
bind9 is already the newest version (1:9.16.1-0ubuntu2.9).
The following packages were automatically installed and are no longer required:
  linux-headers-5.11.0-46-generic linux-hwe-5.11-headers-5.11.0-46 linux-image-5.11.0-46-generic linu
x-modules-5.11.0-46-generic linux-modules-extra-5.11.0-46-generic
  linux-modules-nvidia-470-5.11.0-46-generic linux-objects-nvidia-470-5.11.0-46-generic linux-signatu
res-nvidia-5.11.0-46-generic vim-runtime
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 122 not upgraded.
```

```
pratyay@pratyay-ROG-Strix-G531GT:~$ sudo apt install dnsutils
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  linux-headers-5.11.0-46-generic linux-hwe-5.11-headers-5.11.0-46
  linux-image-5.11.0-46-generic linux-modules-5.11.0-46-generic
  linux-modules-extra-5.11.0-46-generic
  linux-modules-nvidia-470-5.11.0-46-generic
  linux-objects-nvidia-470-5.11.0-46-generic
  linux-signatures-nvidia-5.11.0-46-generic vim-runtime
Use 'sudo apt autoremove' to remove them.
The following NEW packages will be installed:
  dnsutils
0 upgraded, 1 newly installed, 0 to remove and 91 not upgraded.
Need to get 2,756 B of archives.
After this operation, 47.1 kB of additional disk space will be used.
Get:1 http://in.archive.ubuntu.con/ubuntu focal-updates/universe amd64 dnsutils all 1:9.16.1-0ubuntu2.9 [2,756 B]
Fetched 2,756 B in 0s (8,582 B/s)
Selecting previously unselected package dnsutils.
(Reading database ... 272207 files and directories currently installed.)
Preparing to unpack .../dnsutils_1%3a9.16.1-0ubuntu2.9_all.deb ...
Unpacking dnsutils (1:9.16.1-0ubuntu2.9) ...
Setting up dnsutils (1:9.16.1-0ubuntu2.9) ...
pratyay@pratyay-ROG-Strix-G531GT:~$
```

```
; <<>> DiG 9.16.1-Ubuntu <<>> classroom.google.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 28231
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;classroom.google.com.          IN      A

;; ANSWER SECTION:
classroom.google.com.   231     IN      A       142.250.183.110

;; Query time: 0 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Fri Mar 11 06:39:00 IST 2022
;; MSG SIZE  rcvd: 65
```