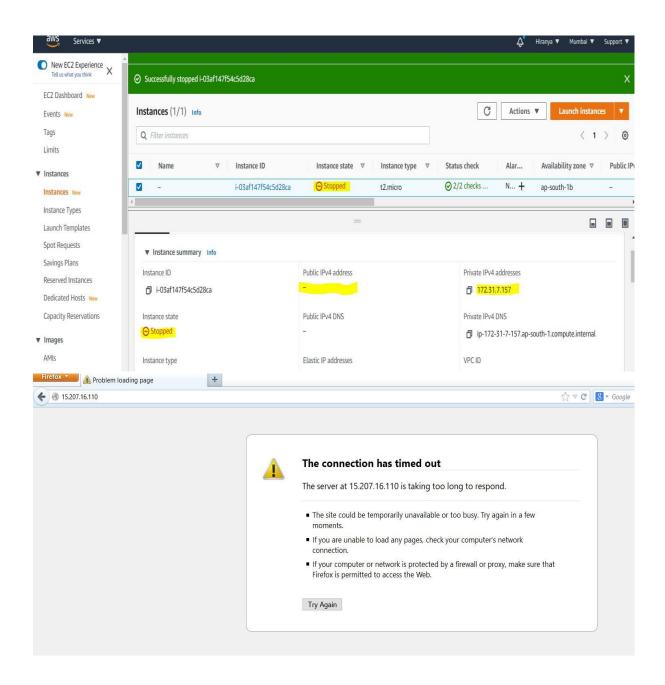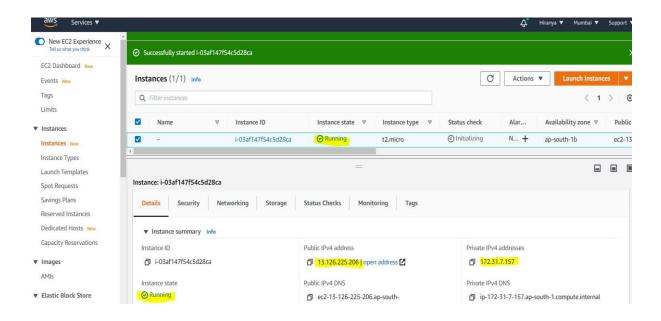```
Question: Explain Life Cycle effects on Instances:
Stop, Start, Reboot,Terminate = public IP and private
IP, Applications installed.
```
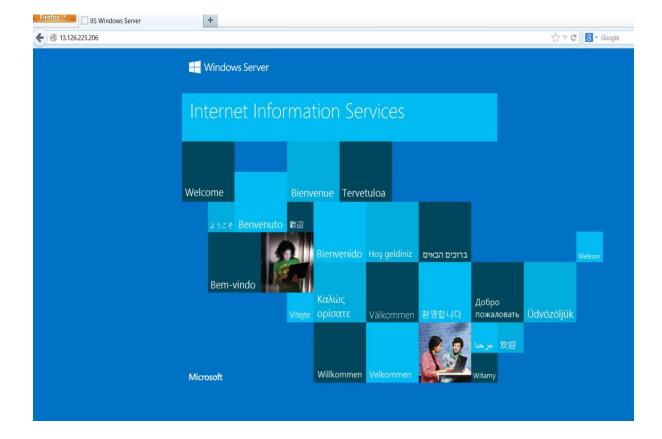
**Answers:**

- **STOP:** When the instance(windows/linux) has stopped, Public IPv4 address moves to shared pool, Private IPv4 address remains constant, and Application stopped responding.
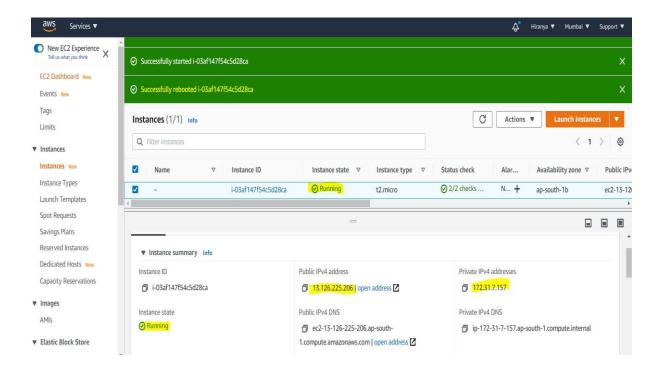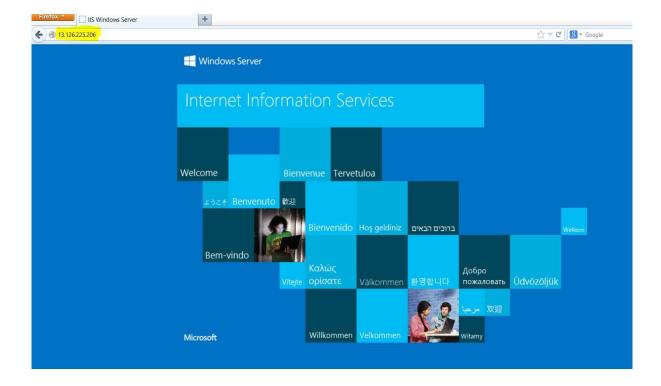- Please check below attached Screenshot –

- **START:**  When the instance has started, the Public IPv4 address has changed to a new one and the private IPv4 address remains constant and the Application runs from the new public IPv4 address.
- Please check below attached screenshot –

- **REBOOT:** After rebooting the instance, the public IPv4 address and private IPv4 address remains constant i.e. unchanged. And the Application is running from the same public IPv4 address.
- Please check below screenshot-

- **TERMINATE:** After terminating the instance, the private IPv4 and Public IPv4 address moves back to the shared DHCP pool and the Application is not responding.
- Please check below screenshot-