Program-8:Build a simple web page using PWA by adding a service Worker.

1. Check nodejs and npm are there or not in ubuntu.
   * whereis nodejs
   * whereis npm
2. if nodejs and npm are not there in ubuntu first install nodejs and npm.
   * sudo apt install nodejs
   * sudo apt install npm
3. Then install npm in vs code
   * npm install
4. Then start npm
   * npm start 5.create manifest file:-
   * public->right click->new file->manifest.json 6.create sw.js file:-
   * public->right click->new file->sw.js 7.ctrl+shift+i-open developer option

# index.html:-

<head>

<link rel="manifest" href="manifest.json">

</head>

<body>

<script>

if('serviceWorker' in navigator)

{

}

</script>

</body>

# sw.js:-

navigator.serviceWorker.register('sw.js')

.then((reg) => console.log('ServiceWorker is register',reg))

.catch((err) => console.log('ServiceWorker is not register',err))

self.addEventListener('install',event=> console.log('ServiceWorker is installed',event)

);

self.addEventListener('activate',event=> console.log('ServiceWorker is Actived',event)

);

self.addEventListener('fetch',event=> console.log('ServiceWorker is fetch',event)

);

# manifest.json:-

{

"name": "Login in PWA", "short\_name": "login", "dir": "ltr",

"display": "fullscreen", "orientation": "portrait-primary", "scope": ".",

"start\_url": "index.html", "id": "index.html",

"background\_color": "#e2e2e2", "theme\_color": "#e2e2e2", "description": "The is Simple Program", "icons":

[

{

"src": "/images/icons/icon-72x72.png", "type": "image/png",

"sizes": "72x72"

},

{

"src": "/images/icons/icon-128x128.png", "type": "image/png",

"sizes": "128x128"

}

]

}

# output:-

