Program-7:-Create a login page to authencate a user using PWA with Manifest File.
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.ctrl+shift+i-open developer option

6.create manifest file:-
   public->right click->new file->manifest.json

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-96x96.png",
         "type":"image/png",
         "sizes":"96x96"
      },
      {
         "src":"/images/icons/icon-128x128.png",
         "type":"image/png",
         "sizes":"128x128"
      }
      ,
```

```
        {
            "src":"/images/icons/icon-144x144.png",
            "type":"image/png",
            "sizes":"144x144"
        }
        ,
        {
            "src":"/images/icons/icon-152x152.png",
            "type":"image/png",
            "sizes":"152x152"
        }
        ,
        {
            "src":"/images/icons/icon-152x152.png",
            "type":"image/png",
            "sizes":"152x152"
        },
        {
            "src":"/images/icons/icon-192x192.png",
            "type":"image/png",
            "sizes":"192x192"
        },
        {
            "src":"/images/icons/icon-152x152.png",
            "type":"image/png",
            "sizes":"152x152"
        },
        {
            "src":"/images/icons/icon-192x192.png",
            "type":"image/png",
            "sizes":"192x192"
        },
        {
            "src":"/images/icons/icon-384x384.png",
            "type":"image/png",
            "sizes":"384x384"
        },
        {
            "src":"/images/icons/icon-512x512.png",
            "type":"image/png",
            "sizes":"512x512"
        }
    ]
}
```

Output:-