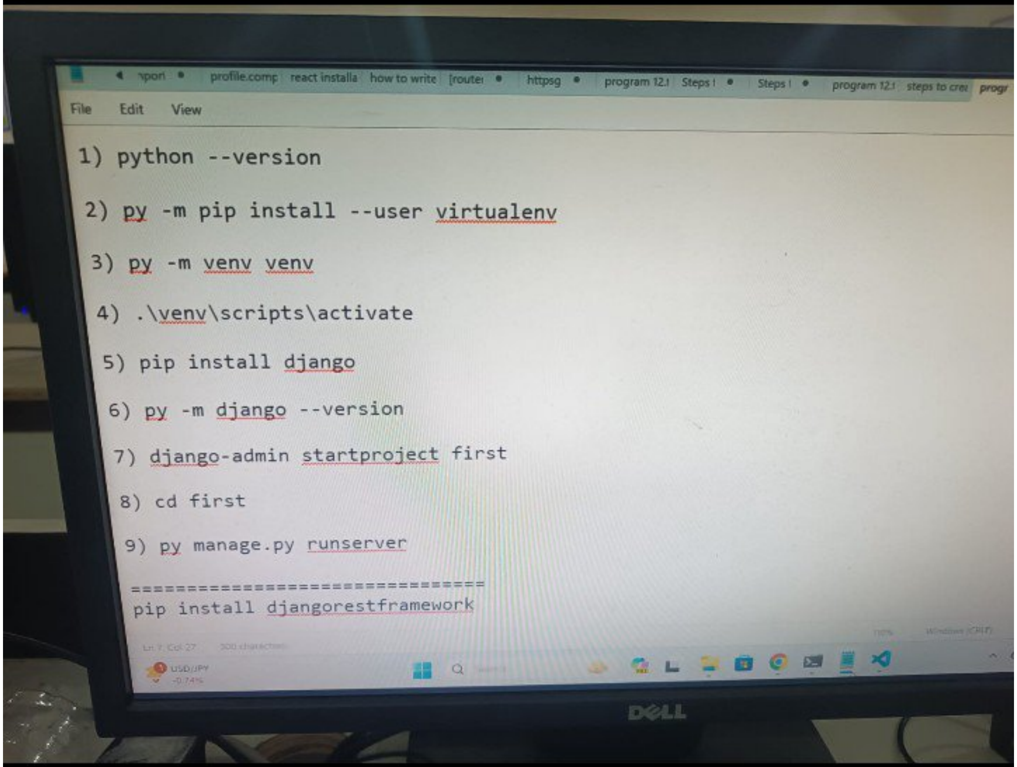
10:31

4/13,841

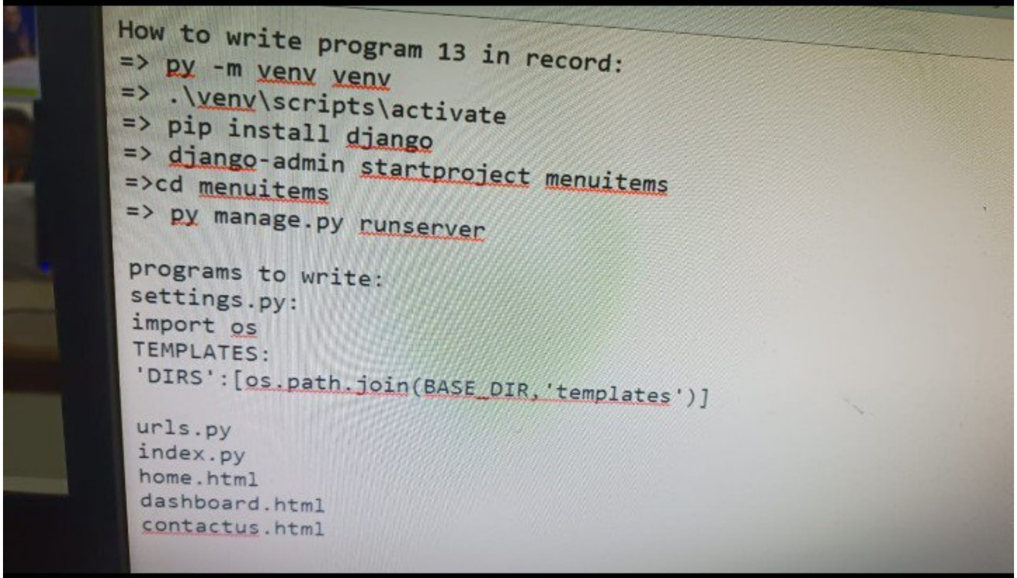


```
1) python --version

2) py -m pip install --user virtualenv

3) py -m venv venv

4) .\venv\scripts\activate

5) pip install django

6) py -m django --version

7) django-admin startproject first

8) cd first

9) py manage.py runserver

================================
pip install djangorestframework
```

Share Edit Delete More

10:18

You
Yesterday, 9:03 PM

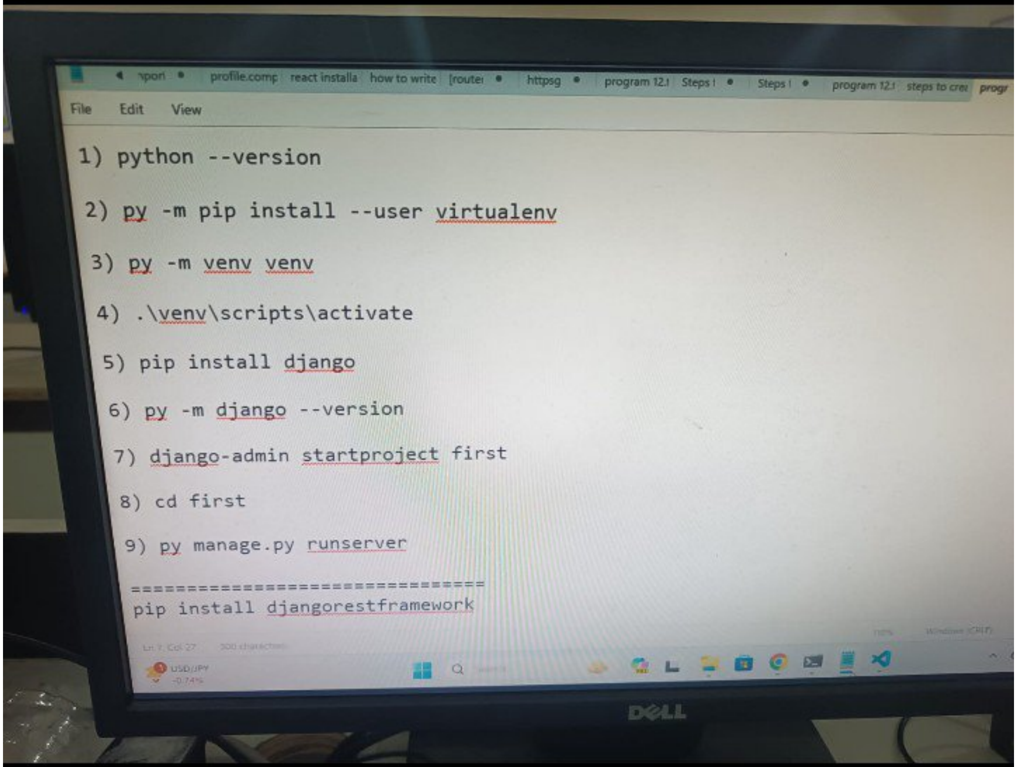


```
How to write program 13 in record:
=> py -m venv venv
=> .\venv\scripts\activate
=> pip install django
=> django-admin startproject menuitems
=>cd menuitems
=> py manage.py runserver

programs to write:
settings.py:
import os
TEMPLATES:
'DIRS':[os.path.join(BASE_DIR,'templates')]

urls.py
index.py
home.html
dashboard.html
contactus.html
```

10:18

You

Yesterday, 9:03 PM



```
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3) py -m venv venv

4) .\venv\scripts\activate

5) pip install django

6) py -m django --version

7) django-admin startproject first

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================================
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```

10:18

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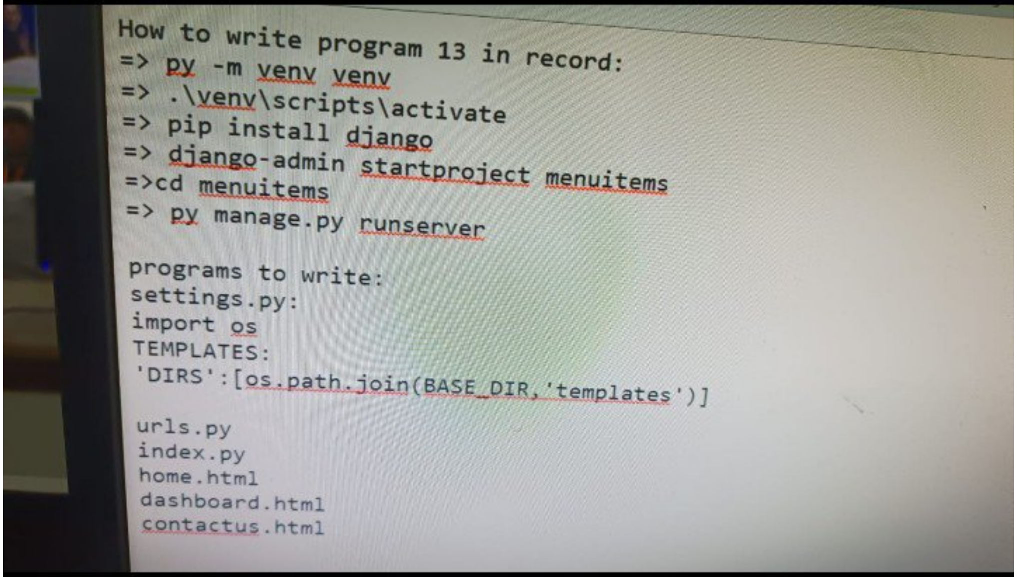
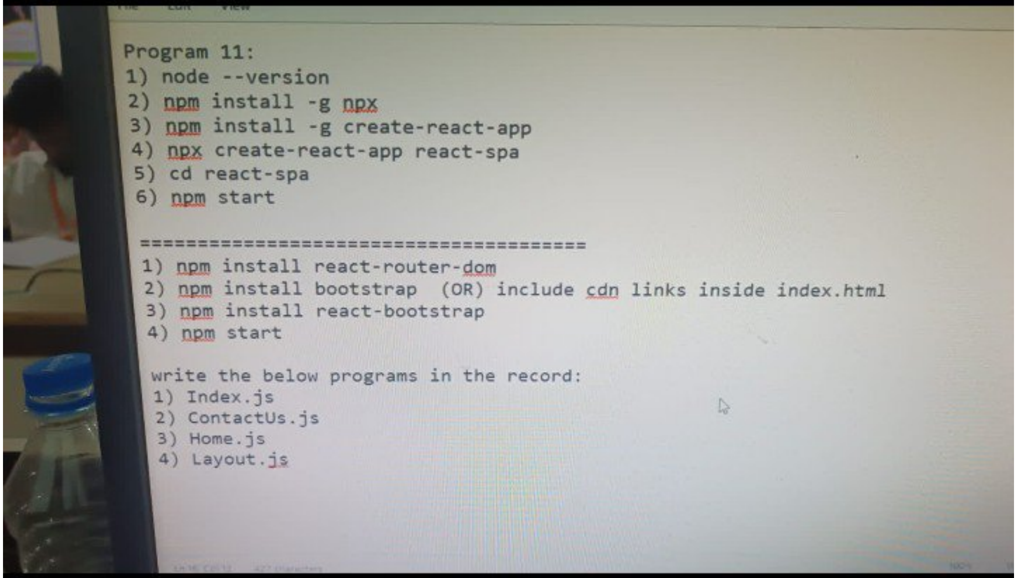


How to write program 13 in record:

```
=> py -m venv venv
=> .\venv\scripts\activate
=> pip install django
=> django-admin startproject menuitems
=>cd menuitems
=> py manage.py runserver

programs to write:
settings.py:
import os
TEMPLATES:
'DIRS':[os.path.join(BASE_DIR,'templates')]

urls.py
index.py
home.html
dashboard.html
contactus.html
```



```
Program 11:
1) node --version
2) npm install -g npx
3) npm install -g create-react-app
4) npx create-react-app react-spa
5) cd react-spa
6) npm start

=========================================
1) npm install react-router-dom
2) npm install bootstrap  (OR) include cdn links inside index.html
3) npm install react-bootstrap
4) npm start

write the below programs in the record:
1) Index.js
2) ContactUs.js
3) Home.js
4) Layout.js
```

Week-11

```
1) node --version
2) npm install -g npx
3) npm install -g create-react-app
4) npx create-react-app react-spa
5) cd react-spa
6) npm start
```

```
1) npm install react-router-dom
2) npm install bootstrap
3) npm install react-bootstrap
4) npm start
```

```
npm install -g npx
npm install -g create-react-app
npx create-react-app react-spa
```

cmd

```
>cd\
>d:
>cd cse5d6
>cd week11
```

→ In src create ~~fol~~ 2 folders, "assets" and "templates"

→ Inside assets > we have 'logo.png'

* Copy files as it is in link

* After ~~a~~ - enter these commands in cmd

* next enter (npm start) in cmd

In cmd

```
> py manage py makemigrations
> py manage.py migrate
> py manage.py runserver
```

(ctrl + click the link.)

Inside base

models.py

copy paste code from link.

* create templates folder

```
>menuItems
> templates
~~[illegible]~~
manage.py
```

* Inside templates — create 3 files as in github link
(i-e contactUs.html, dashboard.html, home.html)

* In menuitems> settings.py
scroll down till ~~tem~~ TEMPLATES

```
TEMPLATES = [
    {
        'DIRS': [os.path.join(BASE_DIR, 'templates')],
```

add this

Week 14

```
py -m venv venv
.\venv\Scripts\activate
pip install django djangorestframework
pip freeze > requirements.txt
go-admin startproject restapi_C
cd restapi_C
```

~~cd~~

```
$ django-admin startapp api
  django-admin startapp base
  md templates
  code .
```

* copy paste codes ~~[illegible]~~ of files from link in. templates(home, profile, re

setting.py

```
Inside→ INSTALLED_APPS = [
        'rest_framework',
        'base'
```

→ add these at here

```
TEMPLATES=[
{
    'DIRS': [os.path.join(BASE_DIR, 'templa
```

urls.py

```
urlpatterns=[
    path('',include('api.urls'))
]
```

In api folder→
- create urls.py, serializers.py
  copy paste from github
- → In models.py, tests.py
  copy code from

week-13

In cmd

```
> d:
> cd cse5dG
> cd django-C
> md django-C
> cd django-C
> py -m venv venv
> .\venv\scripts\activate
> pip install django
> django-admin startproject me
> dir
> cd menuitems
> code .
```

It opens vs code

~~Inside~~
> menuitems
manage.py

* Inside menu items create inde
copy code from link.

* In ~~urls~~ menuitems > urls.py
~~after~~ below ~~a from~~ django.urls import pa
add from . import inden

```
urlpatterns =[
    first line already given ,
    path('', index.home, name= "home"),
    path('contactus/', index.contactus, name=
    path('dashboard/', index.dashboard, name=
```

add these

Week-11

```
1) node --version
2) npm install -g npx
3) npm install -g create-react-app
4) npx create-react-app react-spa
5) cd react-spa
6) npm start
```

```
1) npm install react-router-dom
2) npm install bootstrap
3) npm install react-bootstrap
4) npm start
```

```
npm install -g npx
npm install -g create-react-app
npx create-react-app react-spa
```

cmd

```
>cd\
>d:
>cd ~~folder~~ cse5d6
>cd week11
```

→ In src create 2 ~~fol~~ folders, "assets" and "templates"

→ Inside assets > we have 'logo.png'

* copy files as it is in link

* After enter these commands in cmd

* next enter (npm start) in cmd

Week-11

```
1) node --version
2) npm install -g npx
3) npm install -g create-react-app
4) npx create-react-app react-spa
5) cd react-spa
6) npm start
```

```
1) npm install react-router-dom
2) npm install bootstrap
3) npm install react-bootstrap
4) npm start
```

```
npm install -g npx
npm install -g create-react-app
npx create-react-app react-spa
```

cmd

```
>cd\
>d:
>cd cse5d6
>cd week11
```

→ In src create 2 ~~fol~~ folders, "assets" and "templates"

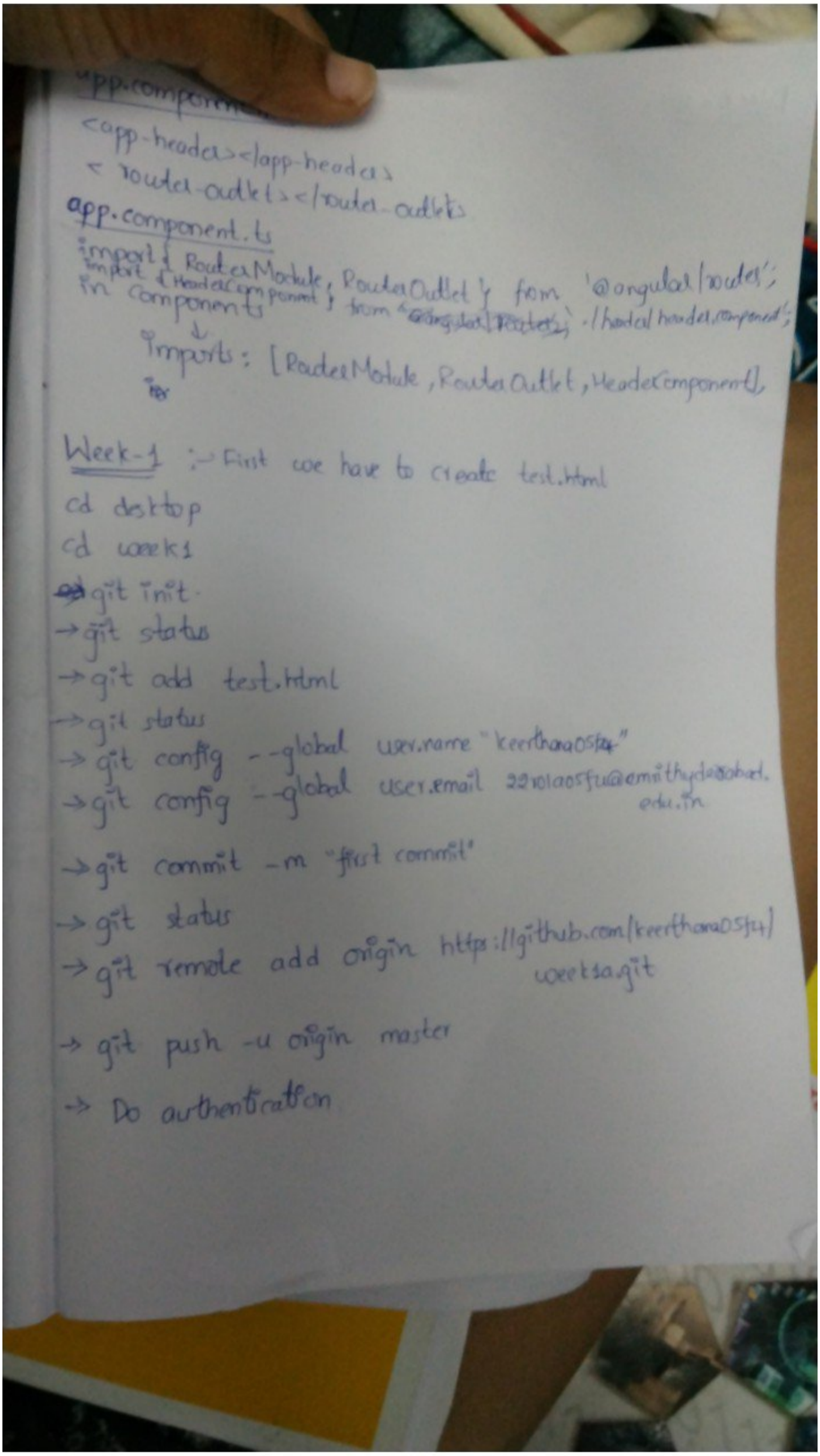
→ Inside assets > we have 'logo.png'

* copy files as it is in link

*-After enter these commands in cmd

* next enter (npm start) in cmd

IMG-20240625-WA0025.jpeg



```
app.component
<app-header></app-header>
< router-outlet></router-outlet>
```

app.component.ts

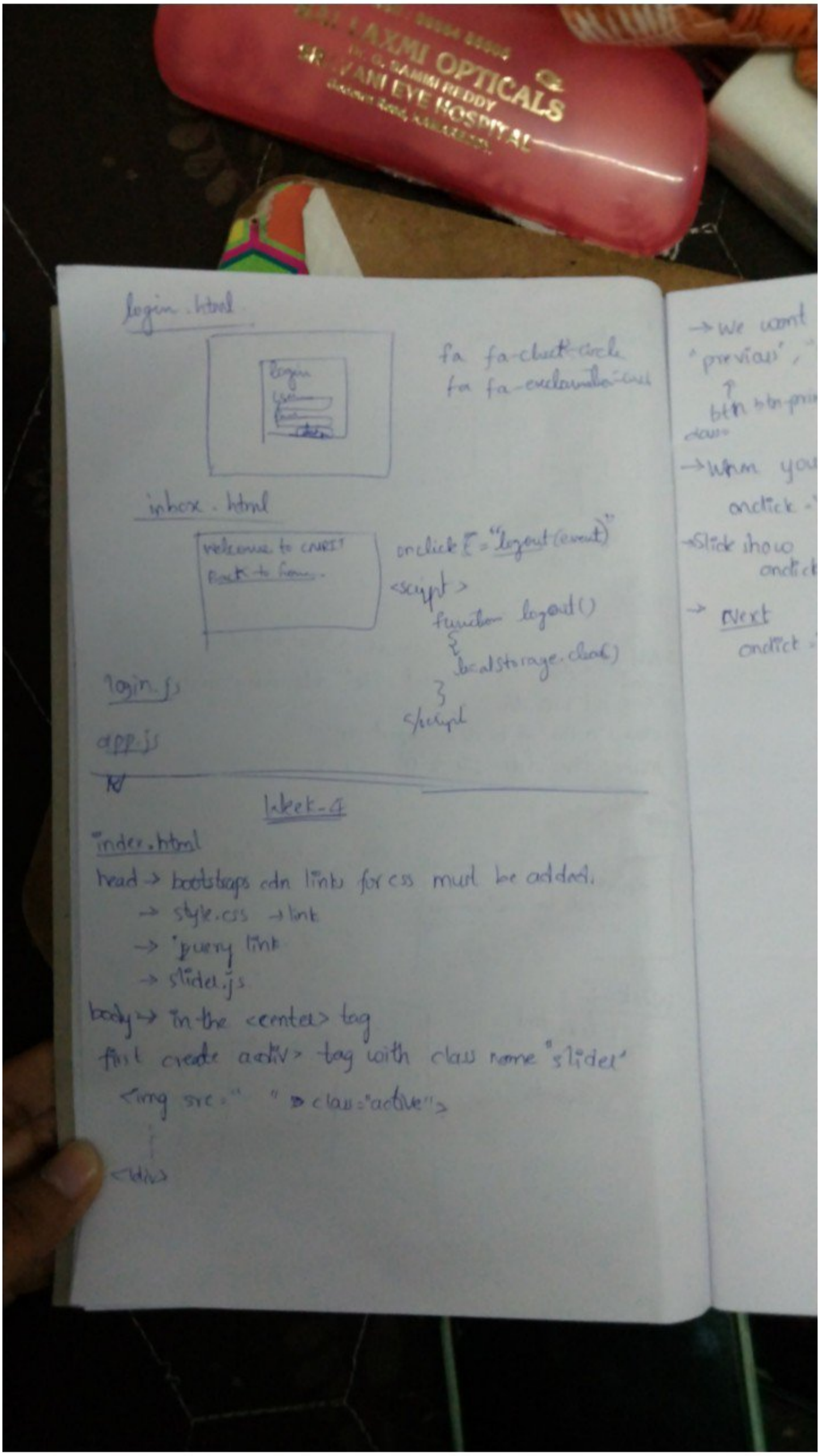
```
import { RouterModule, RouterOutlet } from '@angular/router';
import {HeaderComponent } from '~~@angular/Routers~~'; ./header/header.component';
in components
      ↓
    imports: [RouterModule, RouterOutlet, HeaderComponent],
```

Week-1 :- First we have to create test.html

```
cd desktop
cd week1
→ git init
→ git status
→ git add test.html
→ git status
→ git config --global user.name "keerthana05f4"
→ git config --global user.email 22101a05f4@smithyderabad.
                                                  edu.in
→ git commit -m "first commit"
→ git status
→ git remote add origin https://github.com/keerthana05f4/
                                   week1a.git
→ git push -u origin master
→ Do authentication
```

Advertisement

IMG-20240625-WA0040.jpeg



login.html

login

welcome to CNRIT
Back to home.

fa fa-check-circle
fa fa-exclamation-circle

inbox.html

```
onclick = "logout(event)"
<script>
  function logout()
  {
   localstorage.clear()
  }
</script
```

login.js

app.js

Week-4

index.html

head → bootstraps cdn links for css must be added.
→ style.css → link
→ jquery link
→ slider.js

body → in the <center> tag
first create a <div> tag with class name "slider"

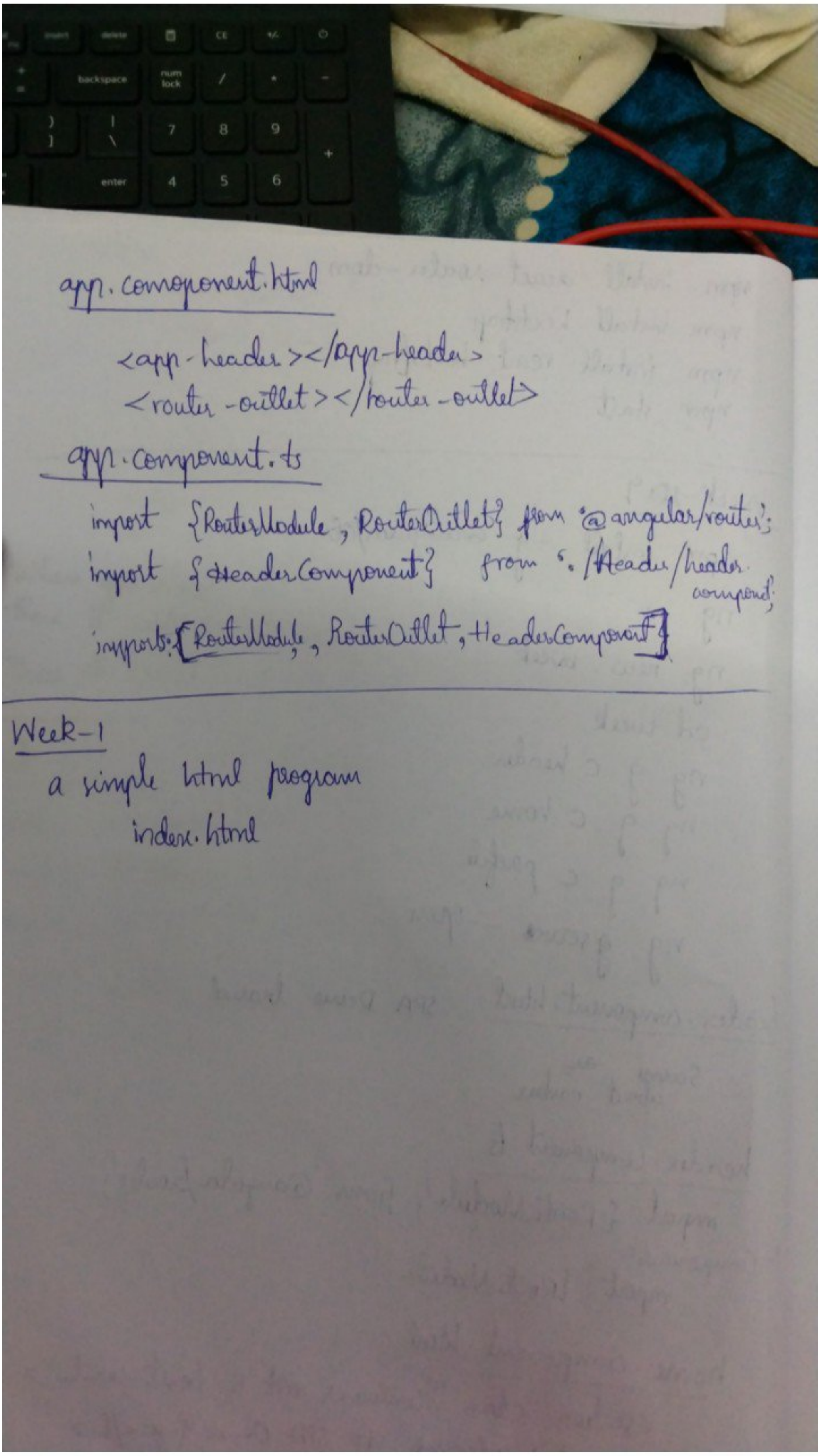
```
<img src=" " class="active">
  |
</div>
```

→ We want
"previous",
↑
btn btn-prim
class
→ When you
onclick =
→ Slide show
onclick
→ Next
onclick =

Advertisement

10:15 4G

IMG-20240625-WA0023.jpeg



app.comoponent.html

```
<app-header></app-header>
<router-outlet></router-outlet>
```

app.component.ts

```
import {RouterModule, RouterOutlet} from '@angular/router';
import {HeaderComponent} from './Header/header.component';
imports:[RouterModule, RouterOutlet, HeaderComponent]
```

Week-1

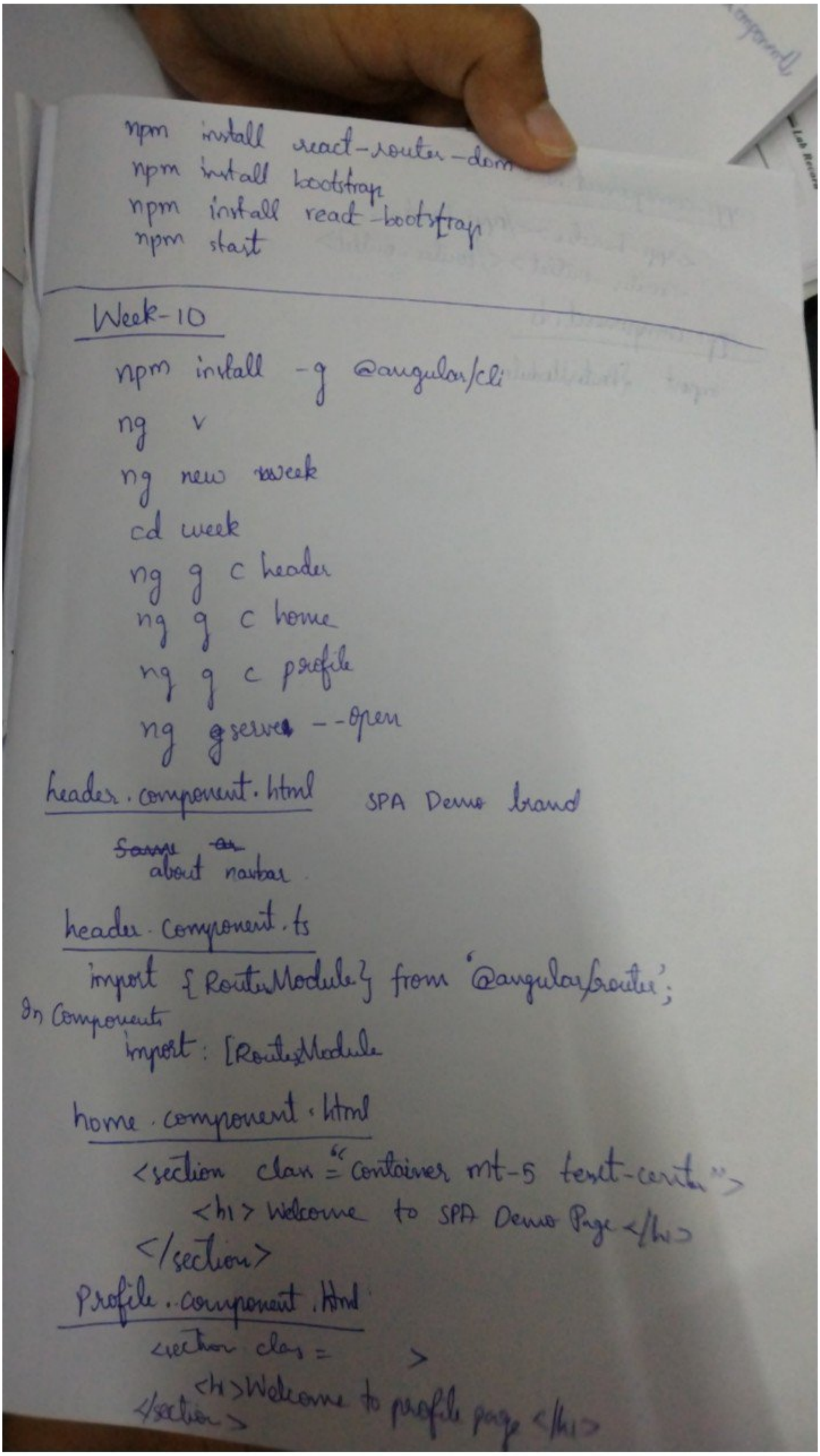
a simple html program

index.html

Advertisement

10:15

IMG-20240625-WA0021.jpeg



```
npm install react-router-dom
npm install bootstrap
npm install react-bootstrap
npm start
```

Week-10

```
npm install -g @angular/cli
ng v
ng new week
cd week
ng g c header
ng g c home
ng g c profile
ng g serve --open
```

header.component.html SPA Demo brand

~~Same as~~ about navbar

header.component.ts

```
import {RouterModule} from '@angular/router';
```

In Components

```
import: [RouterModule
```

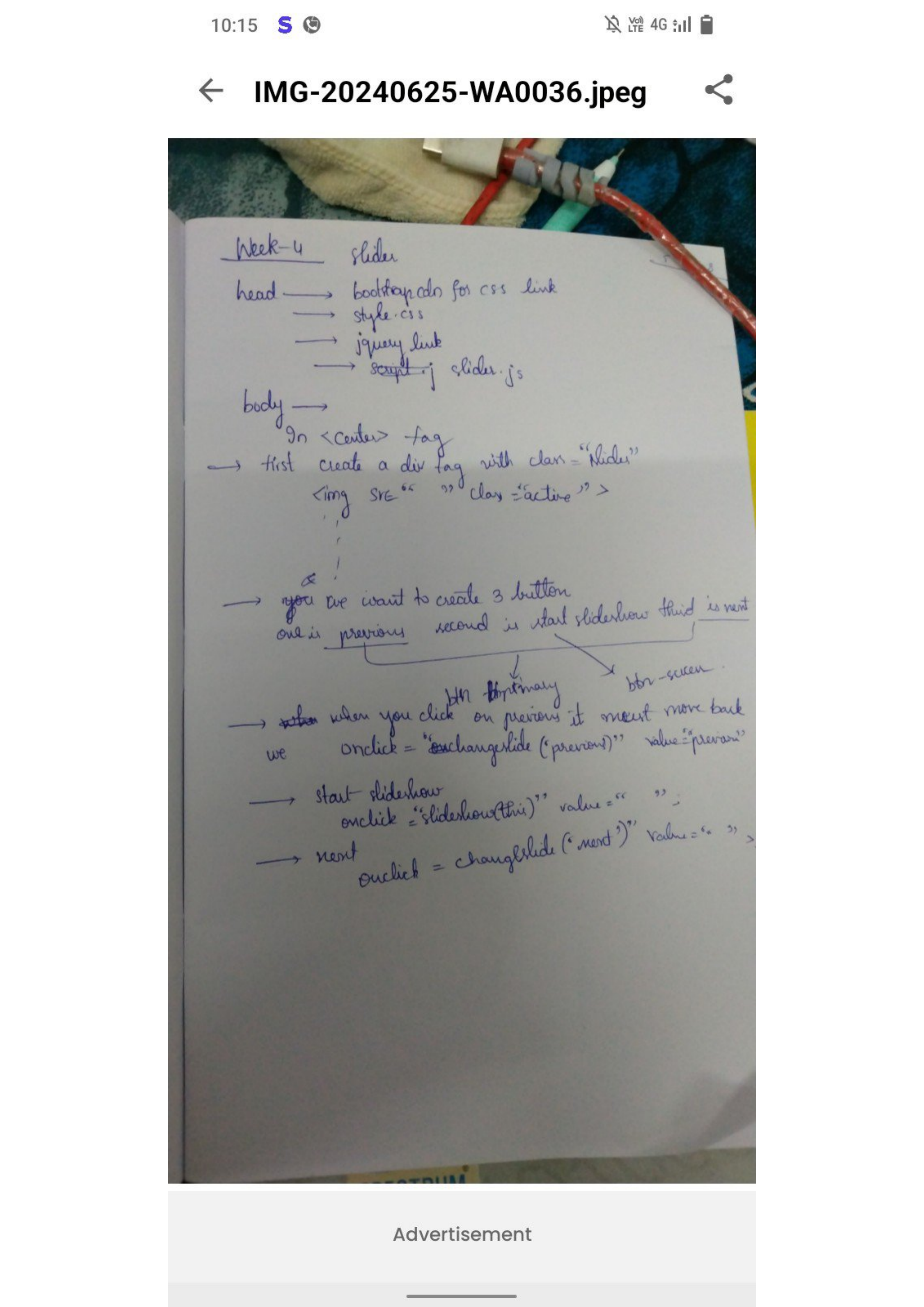
home.component.html

```
<section class="container mt-5 text-center">
    <h1> Welcome to SPA Demo Page </h1>
</section>
```

Profile.component.Html

```
<section class=        >
    <h1>Welcome to profile page </h1>
</section>
```

Advertisement



10:15 4G

IMG-20240625-WA0036.jpeg

Week-4 slider

head → bootstrap cdn for css link

→ style.css

→ jquery link

→ ~~script.~~ j slider.js

body →

In <center> tag

→ first create a div tag with class = "slider"

<img src " " class ="active" >

→ ~~you~~ & we want to create 3 button

one is previous second is start slideshow third is next

btn ~~[illegible]~~primary btn-screen

→ ~~when~~ when you click on previous it must move back

we onclick = "~~on~~changeslide ("previous")" value="previous"

→ start slideshow

onclick ="slideshow(this)" value=" ";

→ next

onclick = changslide ("next")" value=" " >

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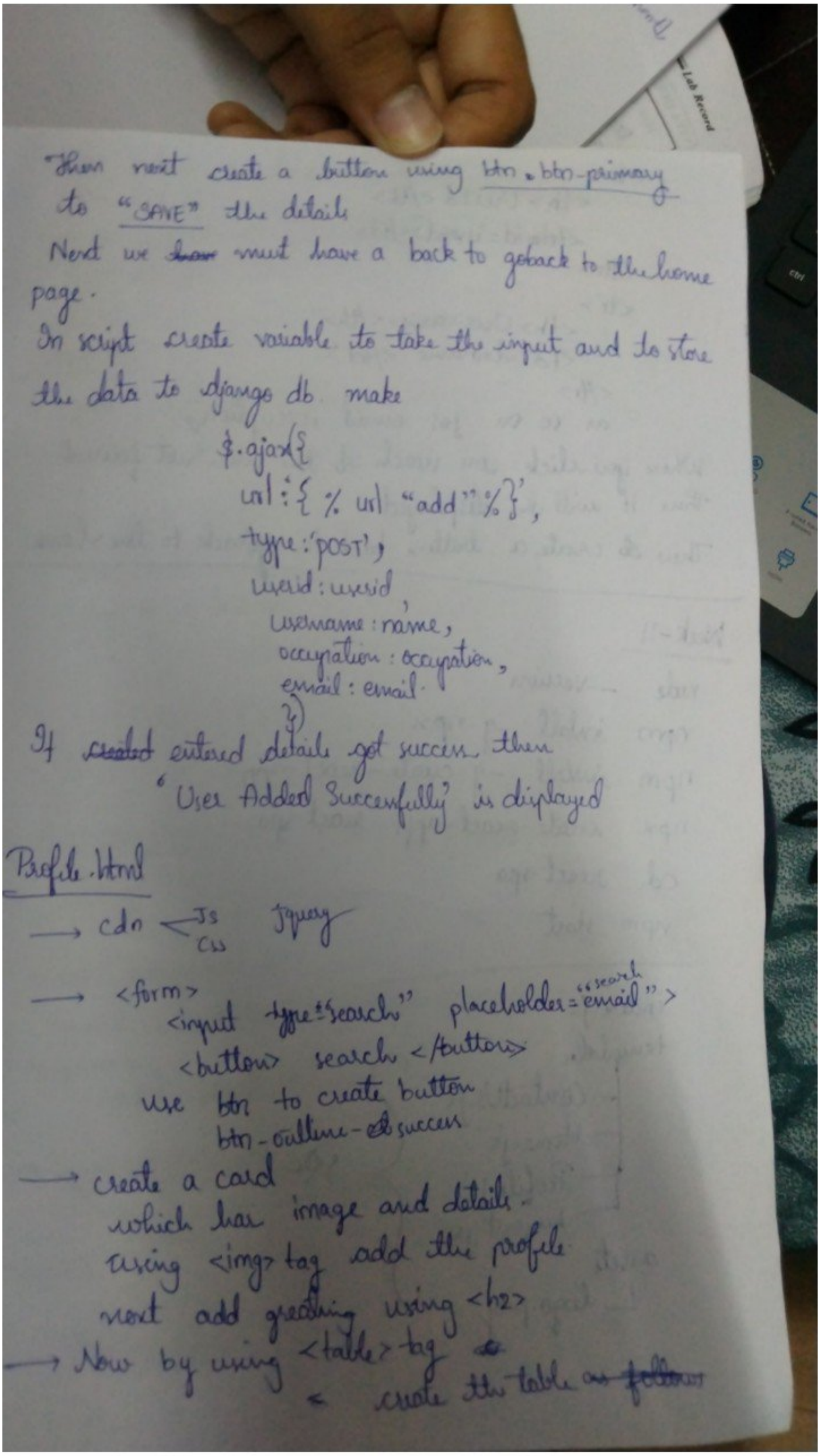
IMG-20240625-WA0017.jpeg



Then next create a button using btn.btn-primary to "SAVE" the details

Next we ~~have~~ must have a back to goback to the home page.

In script create variable to take the input and to store the data to django db make

```
$.ajax({
  url:'{% url "add" %}',
  type:'POST',
  userid:userid,
  username:name,
  occupation:occupation,
  email:email.
})
```

If ~~created~~ entered details got success then
'User Added Succesfully' is displayed

Profile.Html

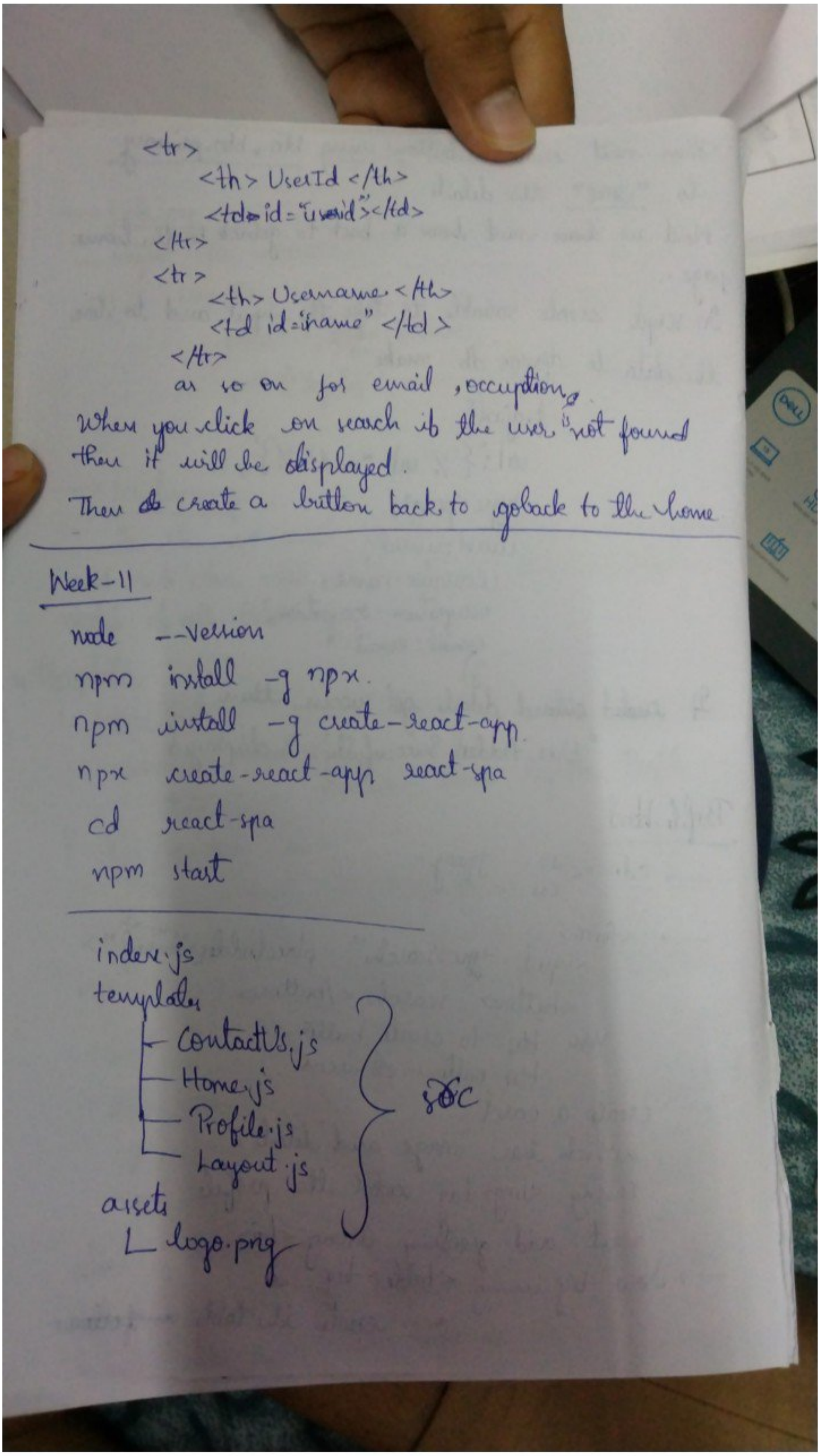
→ cdn < Js Css Jquery

→ <form>
<input type="search" placeholder="search email">
<button> search </button>
use btn to create button
btn-outline-success

→ create a card
which has image and details.
using <img> tag add the profile
next add greeting using <h2>

→ Now by using <table> tag
create the table ~~as follows~~

Advertisement



IMG-20240625-WA0019.jpeg

```
<tr>
    <th> UserId </th>
    <td id="userid"></td>
</tr>
<tr>
    <th> Username </th>
    <td id="uname" </td>
</tr>
```

as so on for email, occuption,

When you click on search if the user is not found then it will be displayed.

Then create a button back to goback to the home

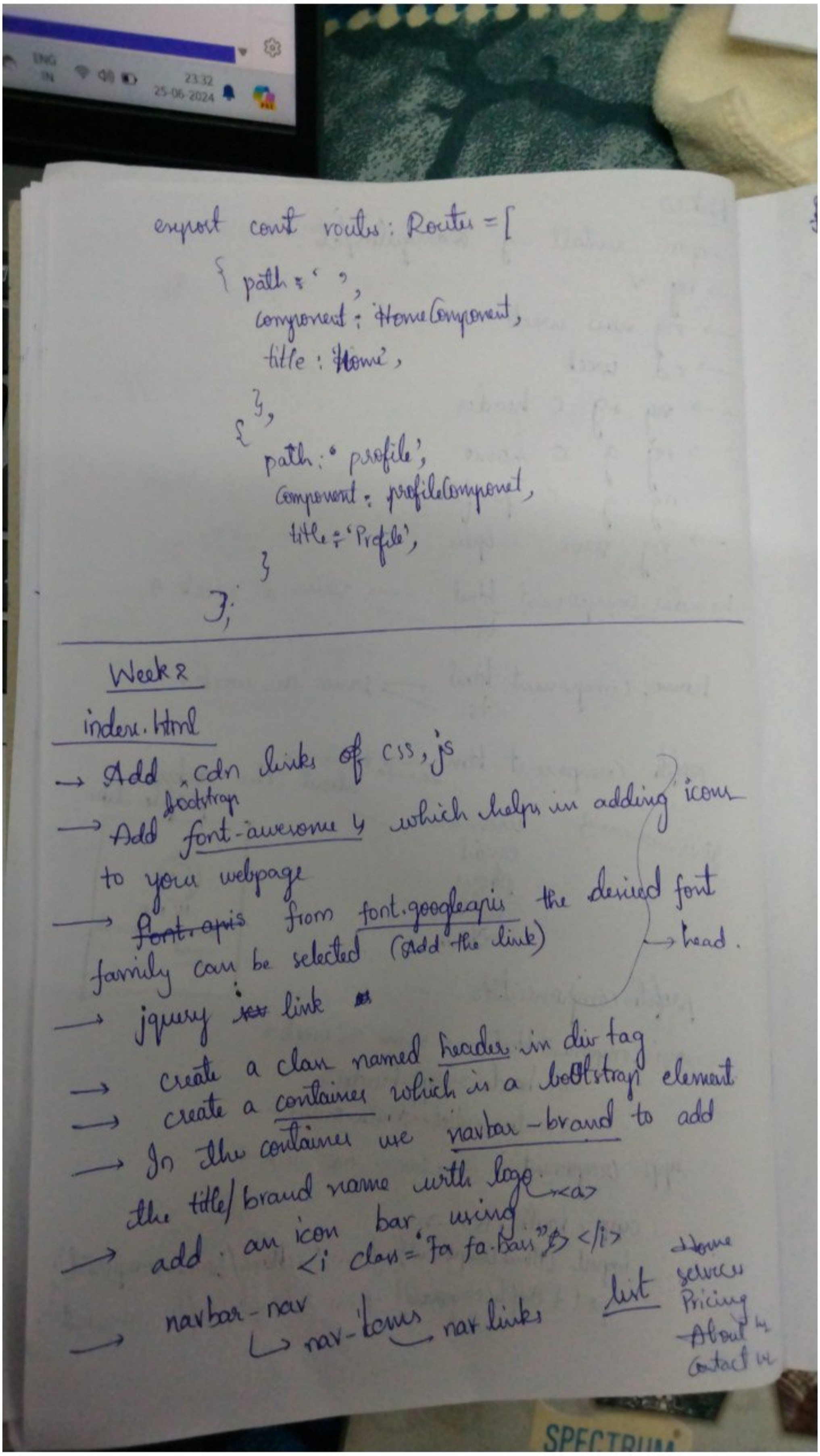
Week-11

```
node --version
npm install -g npx.
npm install -g create-react-app.
npx create-react-app react-spa
cd react-spa
npm start
```

```
index.js
templates
  ├ ContactUs.js  }
  ├ Home.js       }
  ├ Profile.js    }  src
  └ Layout.js     }
assets
  └ logo.png
```

Advertisement

IMG-20240625-WA0030.jpeg



```
export const routes: Routes = [
    { path: ' ',
      component: HomeComponent,
      title: 'Home',
    },
    {
      path: 'profile',
      component: profileComponent,
      title: 'Profile',
    }
];
```

Week 2

index.html

→ Add cdn links of css, js (bootstrap)

→ Add font-awesome 4 which helps in adding icons to your webpage

→ ~~font.apis~~ from font.googleapis the desired font family can be selected (Add the link) → head.

→ jquery ~~ext~~ link

→ create a class named header in div tag

→ create a container which is a bootstrap element

→ In the container we navbar-brand to add the title/brand name with logo <a>

→ add an icon bar using <i class="fa fa-bars"> </i>

→ navbar-nav
↳ nav-items nav links list: Home, services, Pricing, About us, Contact us

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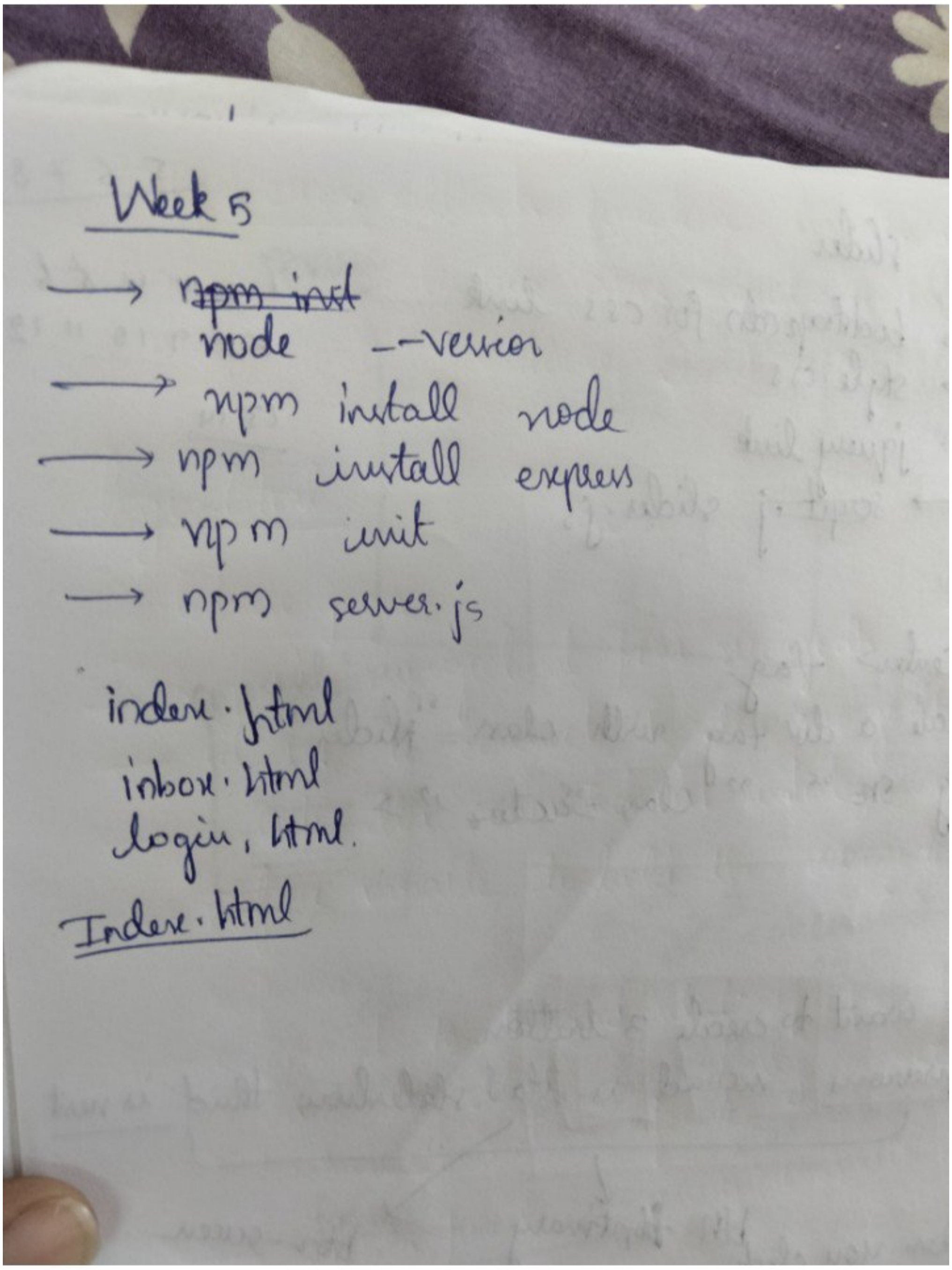
IMG20240626083046.jpg



Week 5

→ ~~npm init~~
node --version

→ npm install node

→ npm install express

→ npm init

→ npm server.js

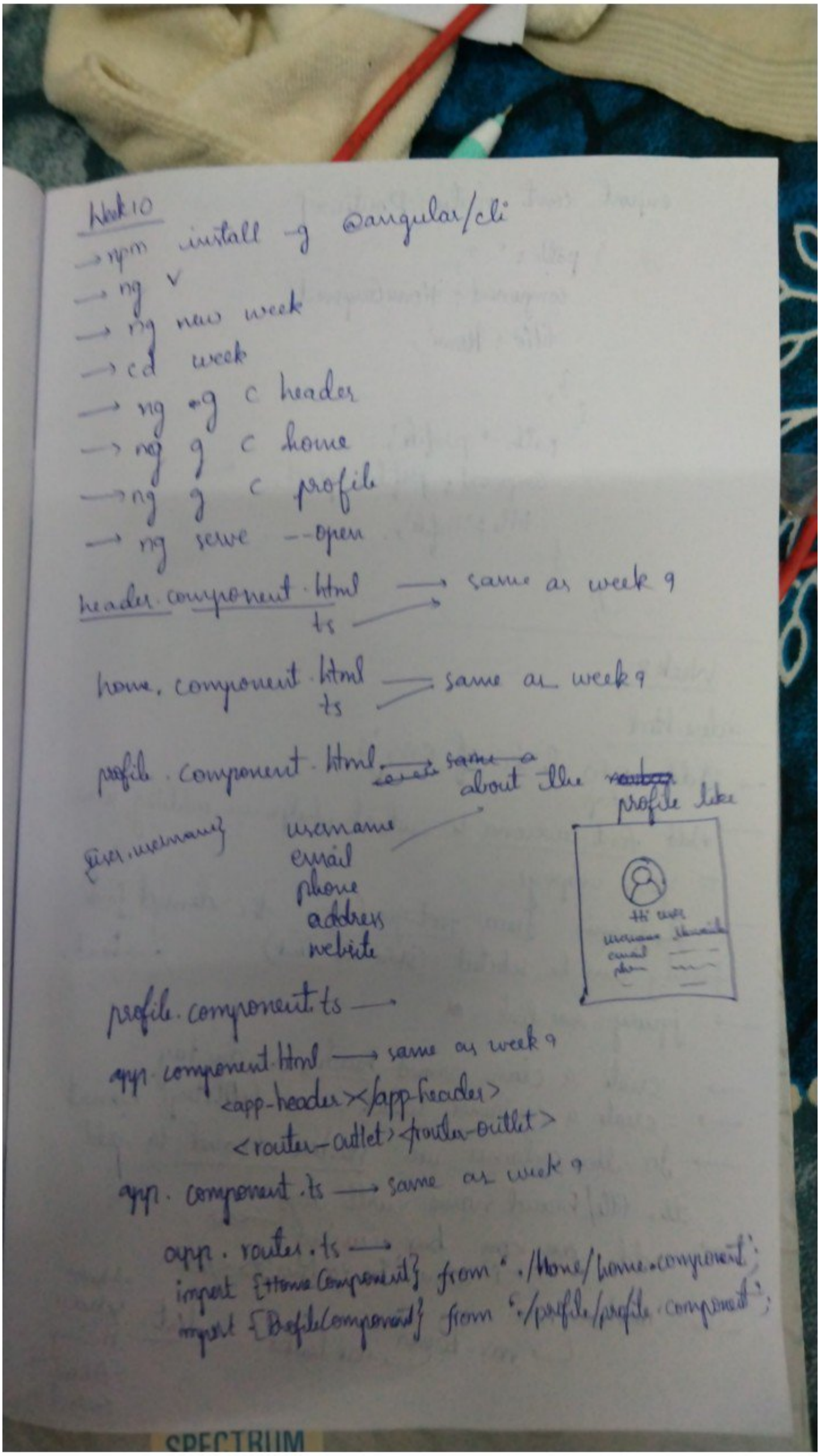
index.html
inbox.html
login.html

Index.html

Advertisement

10:16

IMG-20240625-WA0028.jpeg



Week 10

→ npm install -g @angular/cli

→ ng v

→ ng new week

→ cd week

→ ng g c header

→ ng g c home

→ ng g c profile

→ ng serve --open

header.component.html → same as week 9
ts →

home.component.html → same as week 9
ts →

profile.component.html → ~~same a~~ ~~[illegible]~~ about the ~~[illegible]~~ profile like

{user.username} username email phone address website

Hi user
username
email
phone

profile.component.ts →

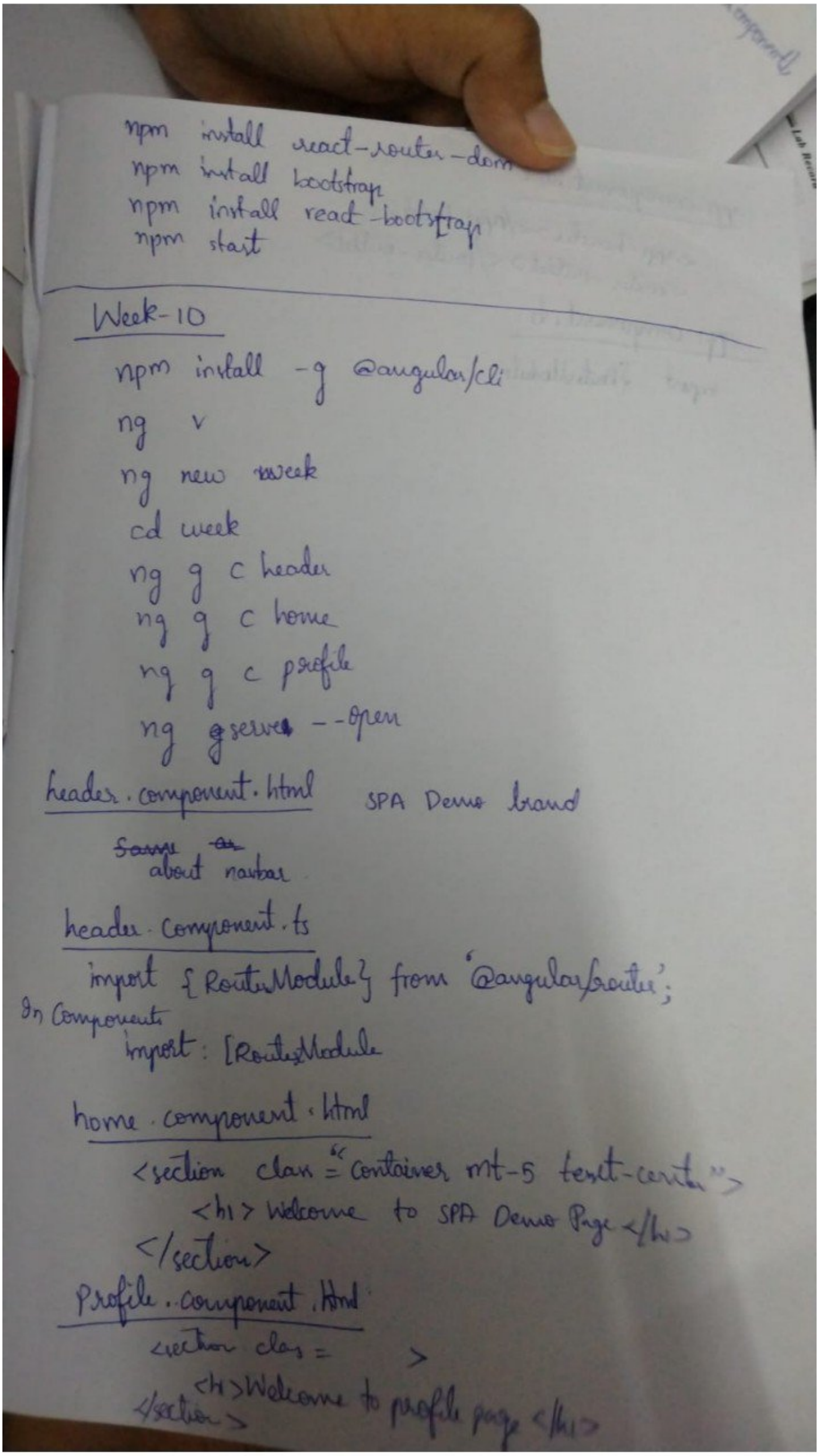
app.component.html → same as week 9
<app-header></app-header>
<router-outlet></router-outlet>

app.component.ts → same as week 9

app.routes.ts →
import {HomeComponent} from './Home/home.component';
import {ProfileComponent} from './profile/profile.component';

SPECTRUM

Advertisement



```
npm install react-router-dom
npm install bootstrap
npm install react-bootstrap
npm start
```

Week-10

```
npm install -g @angular/cli
ng v
ng new week
cd week
ng g c header
ng g c home
ng g c profile
ng ~~g~~ serve --open
```

header.component.html SPA Demo brand

~~Same~~ ~~as~~ about navbar

header.component.ts

```
import {RouterModule} from '@angular/router';
```

In Components

```
import: [RouterModule
```

home.component.html

```
<section class="container mt-5 text-center">
    <h1> Welcome to SPA Demo Page </h1>
</section>
```

Profile.component.Html

```
<section class=       >
    <h1>Welcome to profile page </h1>
</section>
```

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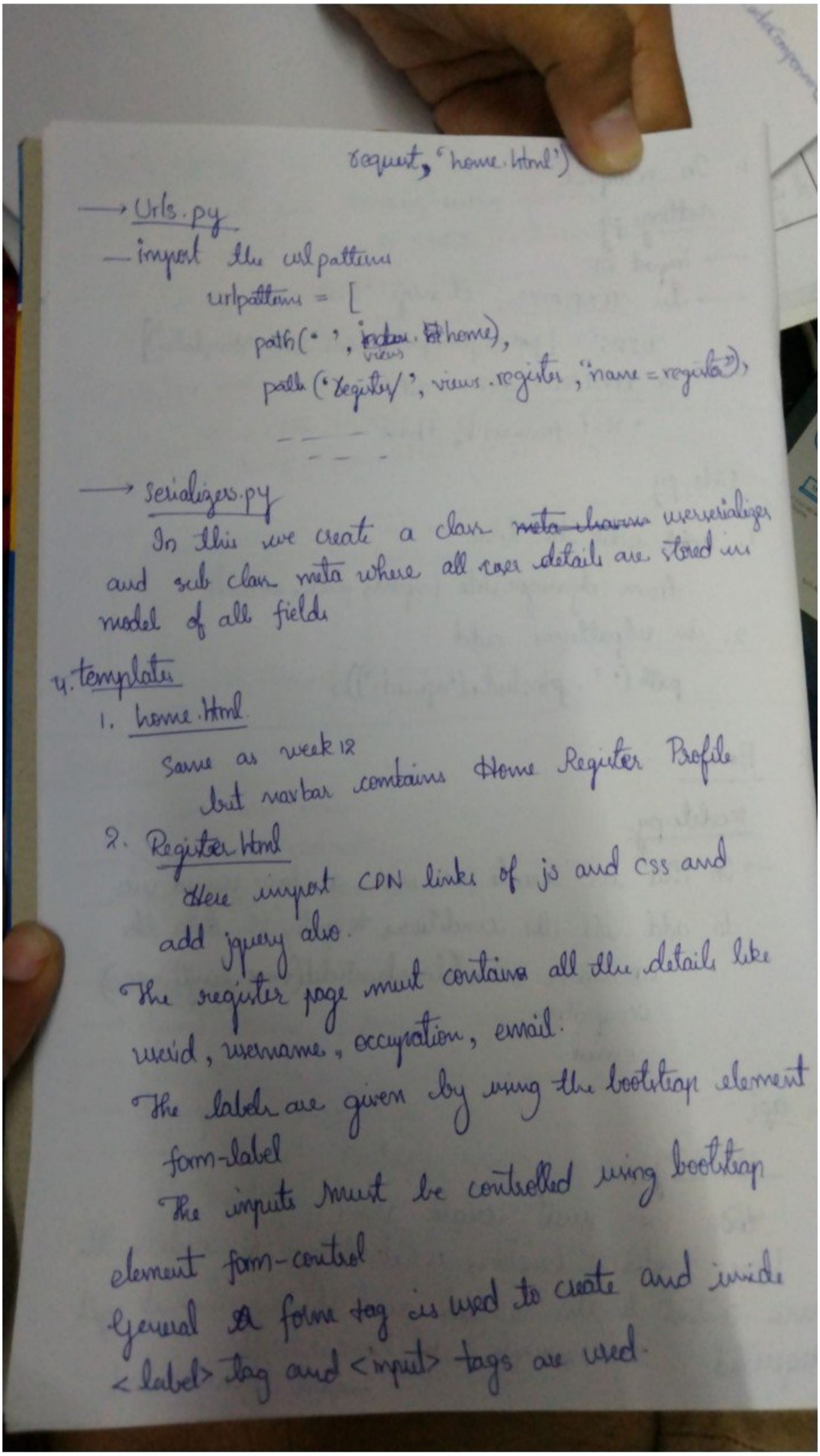
IMG-20240625-WA0015.jpeg



request, 'home.Html')

→ Urls.py

— import the urlpatterns

```
        urlpatterns = [
            path('', ~~index~~ views. home),
            path('register/', views.register, "name=register"),
            - - -
              - - -
```

→ Serializers.py

In this we create a class ~~meta classes~~ userserializer and sub class meta where all user details are stored in model of all fields

4. templates

1. home.Html

Same as week 12
but navbar contains Home Register Profile

2. Register.Html

Here import CDN links of js and css and add jquery also.

The register page must contains all the details like userid, username, occupation, email.

The labels are given by using the bootstrap element form-label

The inputs must be controlled using bootstrap element form-control

General ~~a~~ form tag is used to create and inside <label> tag and <input> tags are used.

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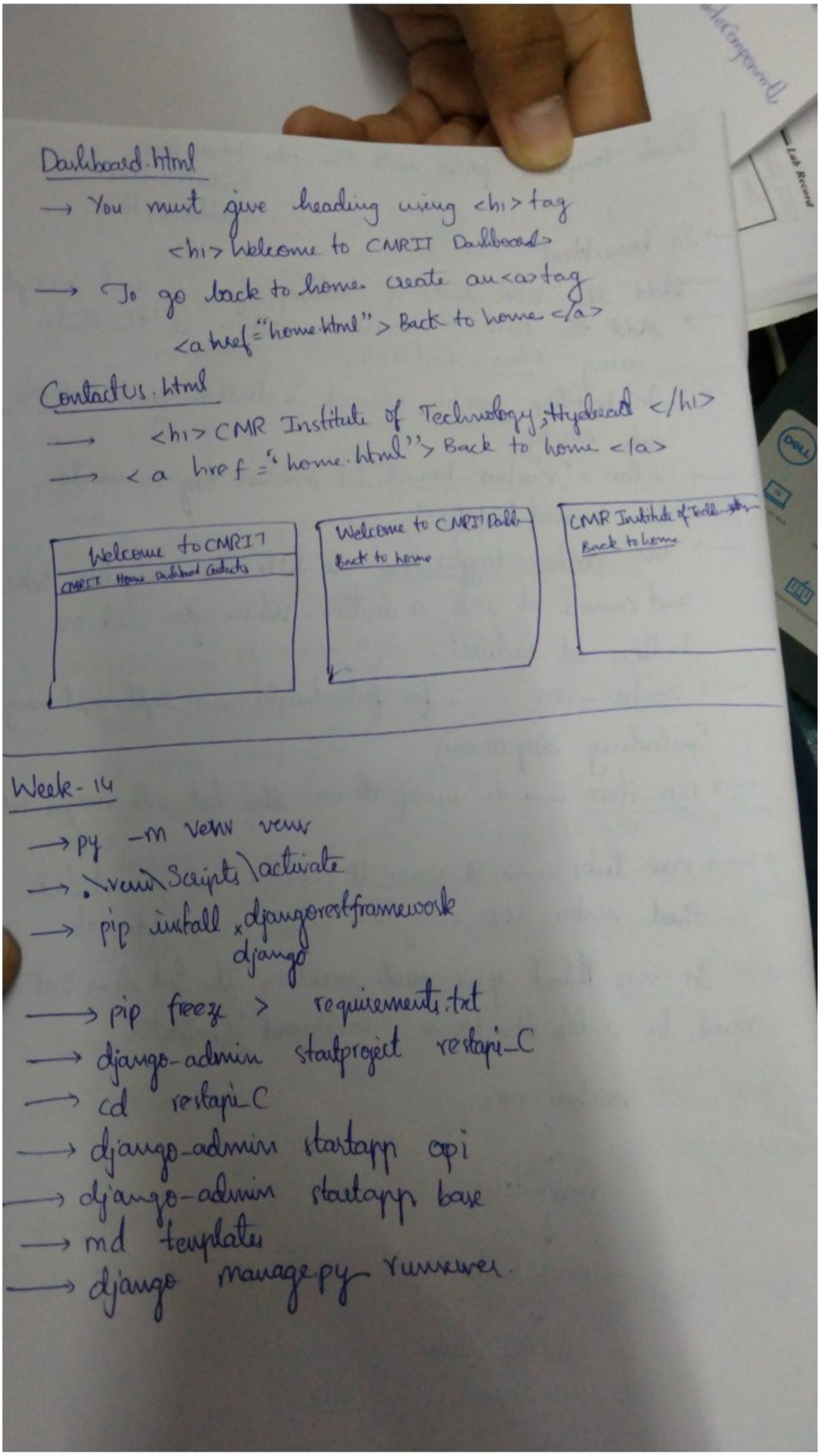
10:16

IMG-20240625-WA0011.jpeg



Dashboard.html

→ You must give heading using <h1> tag
<h1> Welcome to CMRIT Dashboard>

→ To go back to home create an<a>tag
<a href="home.html"> Back to home </a>

ContactUs.html

→ <h1> CMR Institute of Technology, Hyderabad </h1>
→ <a href="home.html"> Back to home </a>

Welcome to CMRIT
CMRIT Home Dashboard Contacts
Welcome to CMRIT Dashb
Back to home
CMR Institute of Tech
Back to home

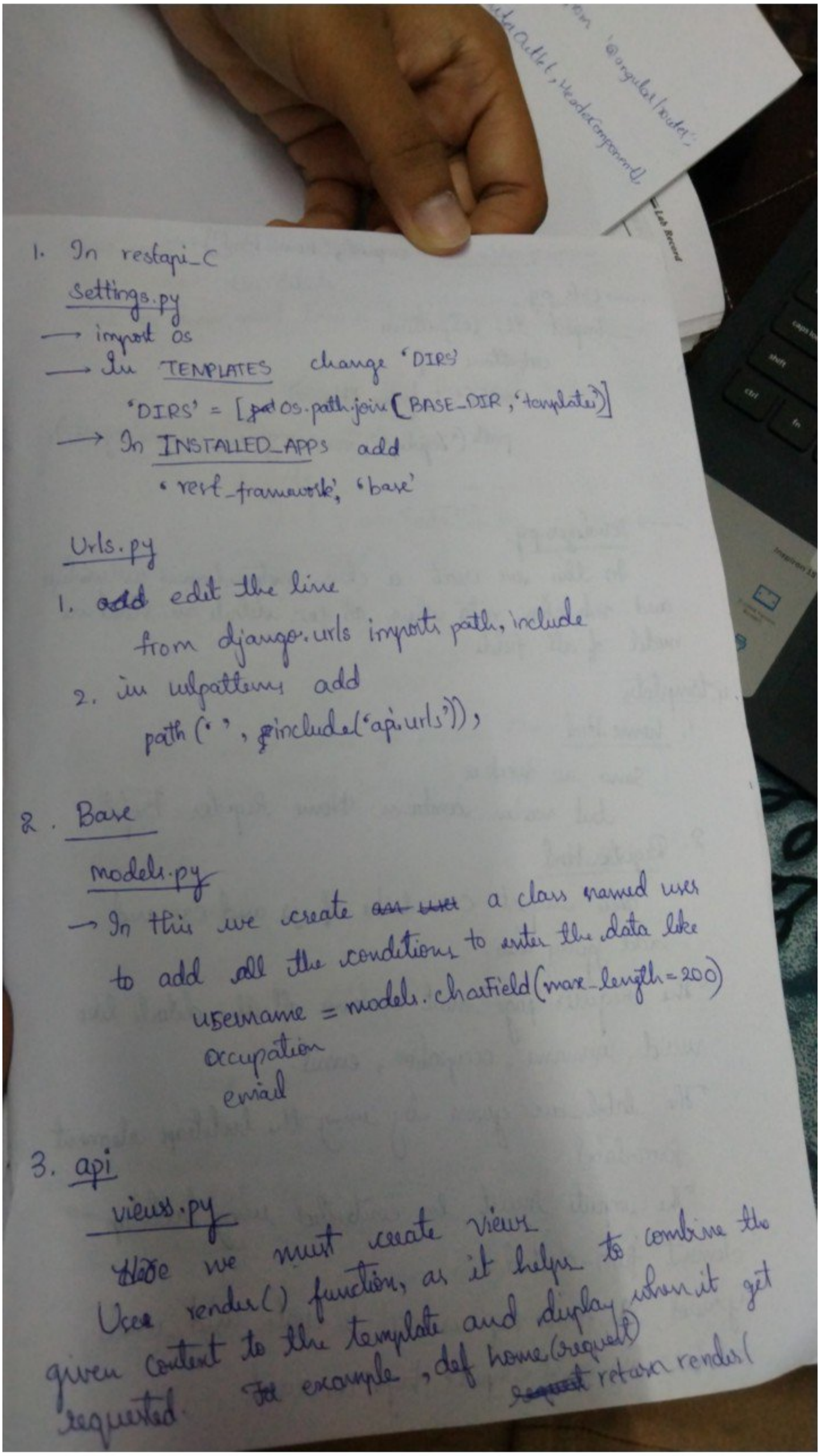
Week-14

```
→ py -m venv venv
→ .\venv\Scripts\activate
→ pip install djangorestframework
              django
→ pip freeze > requirements.txt
→ django-admin startproject restapi_C
→ cd restapi_C
→ django-admin startapp api
→ django-admin startapp base
→ md templates
→ django manage.py runserver
```

Advertisement

10:17 4G

IMG-20240625-WA0013.jpeg



1. In restapi_C

Settings.py

→ import os

→ In TEMPLATES change 'DIRS'

'DIRS' = [~~pat~~ os.path.join(BASE_DIR, 'templates')]

→ In INSTALLED_APPS add

'rest_framework', 'base'

Urls.py

1. ~~add~~ edit the line

from django.urls import path, include

2. in urlpatterns add

path('', include('api.urls')),

2. Base

models.py

→ In this we create ~~as user~~ a class named user to add all the conditions to enter the data like

username = models.CharField(max_length=200)
occupation
email

3. api

views.py

Here we must create views
Use render() function, as it helps to combine the given content to the template and display when it get requested. For example, def home(request) ~~request~~ return render(

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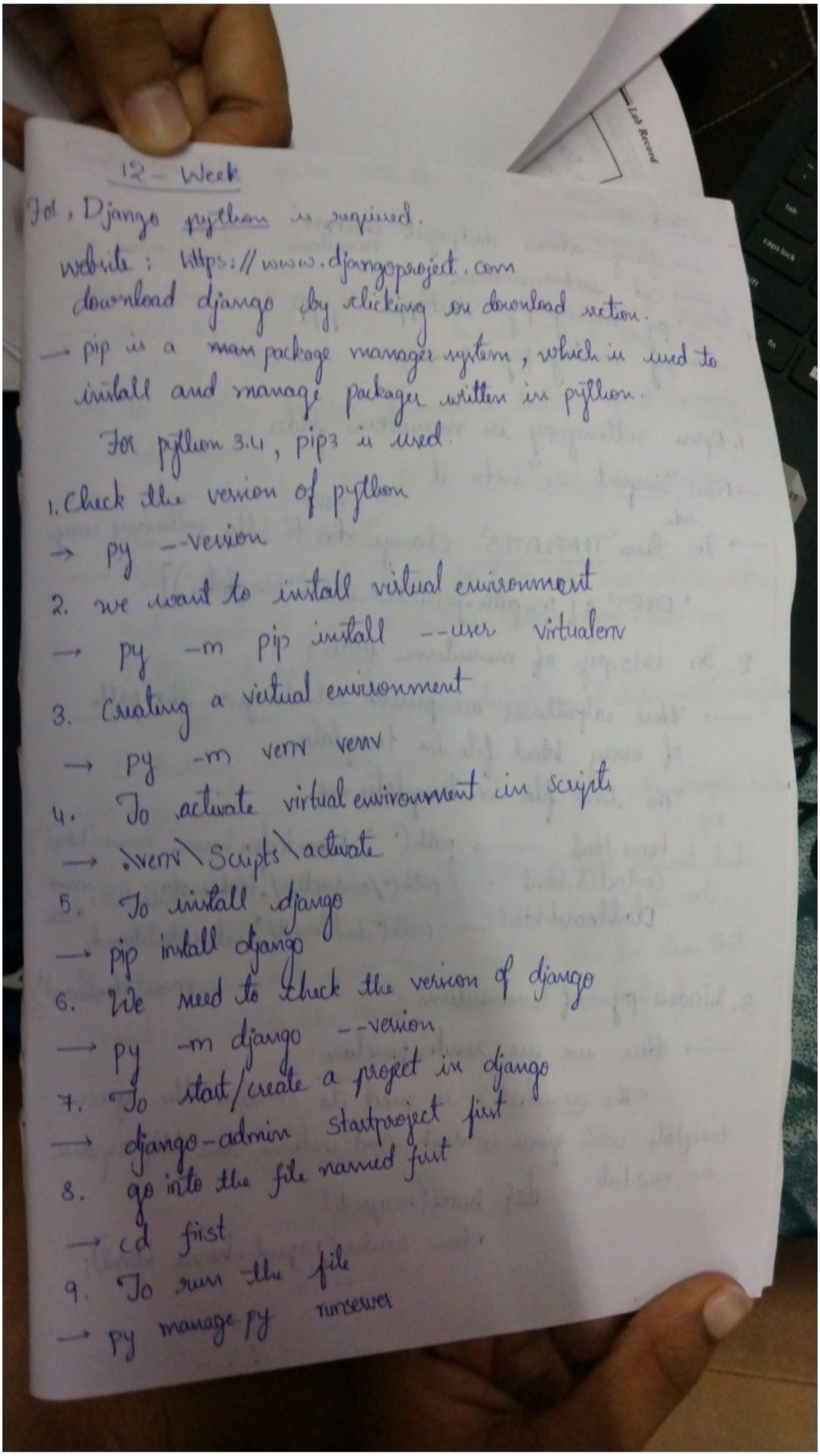
10:17 4G

IMG-20240625-WA0005.jpeg



12 - Week

For, Django python is required.

website : https://www.djangoproject.com

download django by clicking on download section.

→ pip is a man package manager system, which is used to install and manage packages written in python.

For python 3.4, pip3 is used

1. Check the version of python

→ py --version

2. we want to install virtual environment

→ py -m pip install --user virtualenv

3. Creating a virtual environment

→ py -m venv venv

4. To activate virtual environment in scripts

→ .\venv\Scripts\activate

5. To install django

→ pip install django

6. We need to check the version of django

→ py -m django --version

7. To start/create a project in django

→ django-admin startproject first

8. go into the file named first

→ cd first

9. To run the file

→ py manage.py runserver

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