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Enrollment number - 21162101012

Branch - CBA              Batch - 41

FET Practical 14

Code Link for all practicals :

<https://github.com/yashslakhtariya/sem4practicals/tree/main/FET>

**Objective: To create a simple website in Angular and implement routing/navigation in it.**

### Exercise :

Consider a website of your choice, design three components, namely Home, About Us and Dashboard (or name of your choice as per the concept of your website) for the same. Apply routing on these components. You should implement the MVC architecture, i.e. a separate class file is needed to be created for the data in a component, wherever required.

### Structure :

main project : angular\_practicals

component : app.component (for routing)

routes : prac11, prac12 and prac13 components

### HTML (app.component.html) :

```
<div class="containermain">
  <button routerLink="P11" class="routingbtn"> P11 </button>
  <button routerLink="P12" class="routingbtn"> P12 </button>
  <button routerLink="P13" class="routingbtn"> P13 </button>
</div>
<router-outlet></router-outlet>
```

### CSS (app.component.css) :

```
.containermain{
  margin-top: 2%;
```

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```
margin-left: 43%;
align-items: center;
display: flex;
align-self: center;
margin-bottom: 0;
}

.routingbtn{
padding: 15px 25px;
font-size: 22px;
cursor: pointer;
text-align: center;
text-decoration: none;
outline: none;
color: #fff;
background-color: #bf616c;
border: none;
border-radius: 12px;
box-shadow: 0 9px #9195bb;
}

.routingbtn:hover {
background-color: #d18677;
}

.routingbtn:active {
```

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```
background-color: #d18677;  
  
box-shadow: 0 5px #9195bb;  
  
}
```

TS (app-routing.module.ts) :

```
import { NgModule } from "@angular/core";  
import { RouterModule, Routes } from "@angular/router";  
import { Prac11Component } from "../prac11/prac11.component";  
import { Prac12Component } from "../prac12/prac12.component";  
import { Prac13Component } from "../prac13/prac13.component";  
  
const routes: Routes =  
[  
  { path: 'P11', component: Prac11Component },  
  { path: 'P12', component: Prac12Component },  
  { path: 'P13', component: Prac13Component }  
]  
  
@NgModule(  
  {  
    imports: [RouterModule.forRoot(routes)],  
    exports: [RouterModule]  
  }  
)
```

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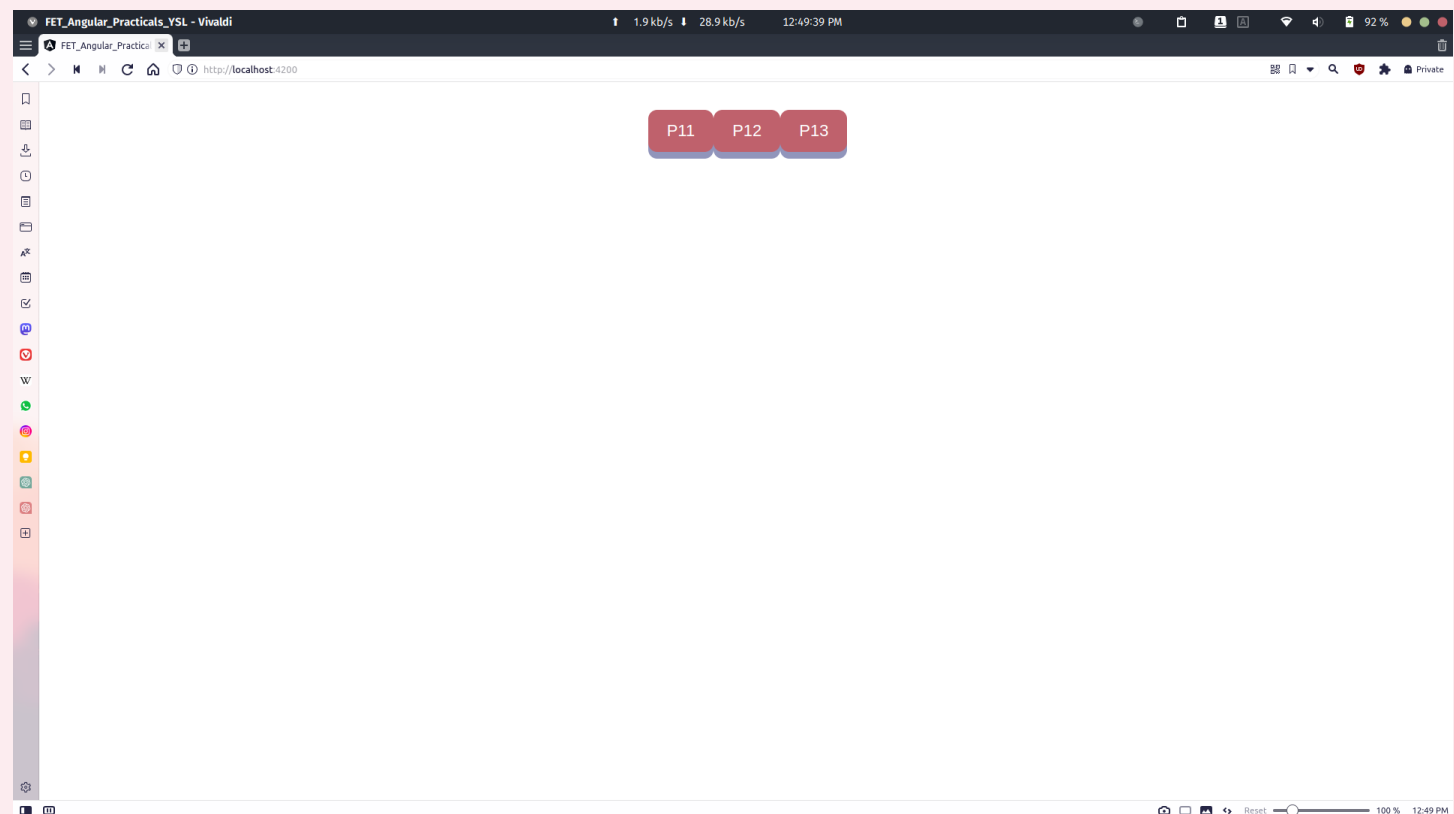
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```
)  
  
export class AppRoutingModuleModule  
{  
  
}
```

Output :



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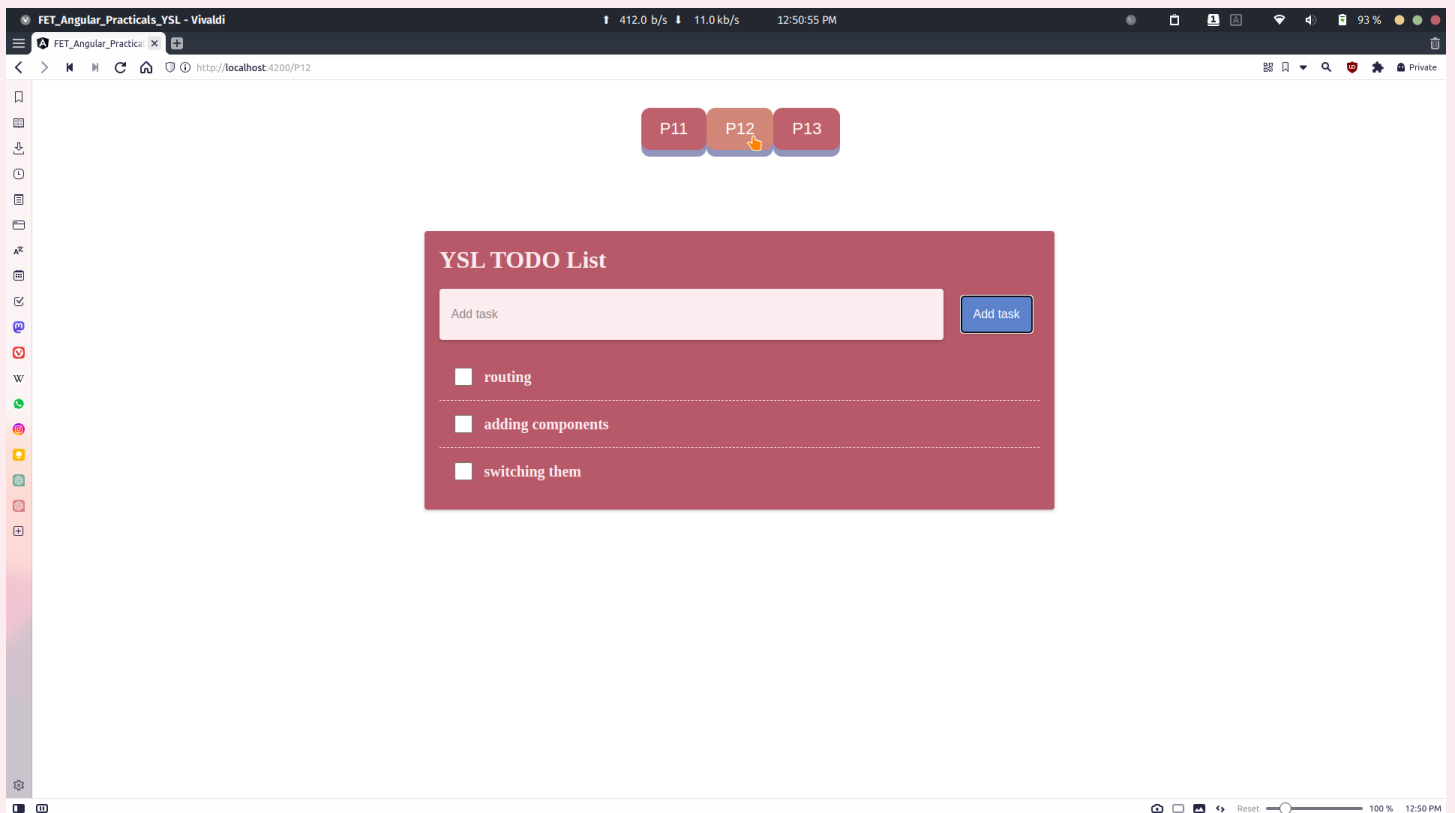
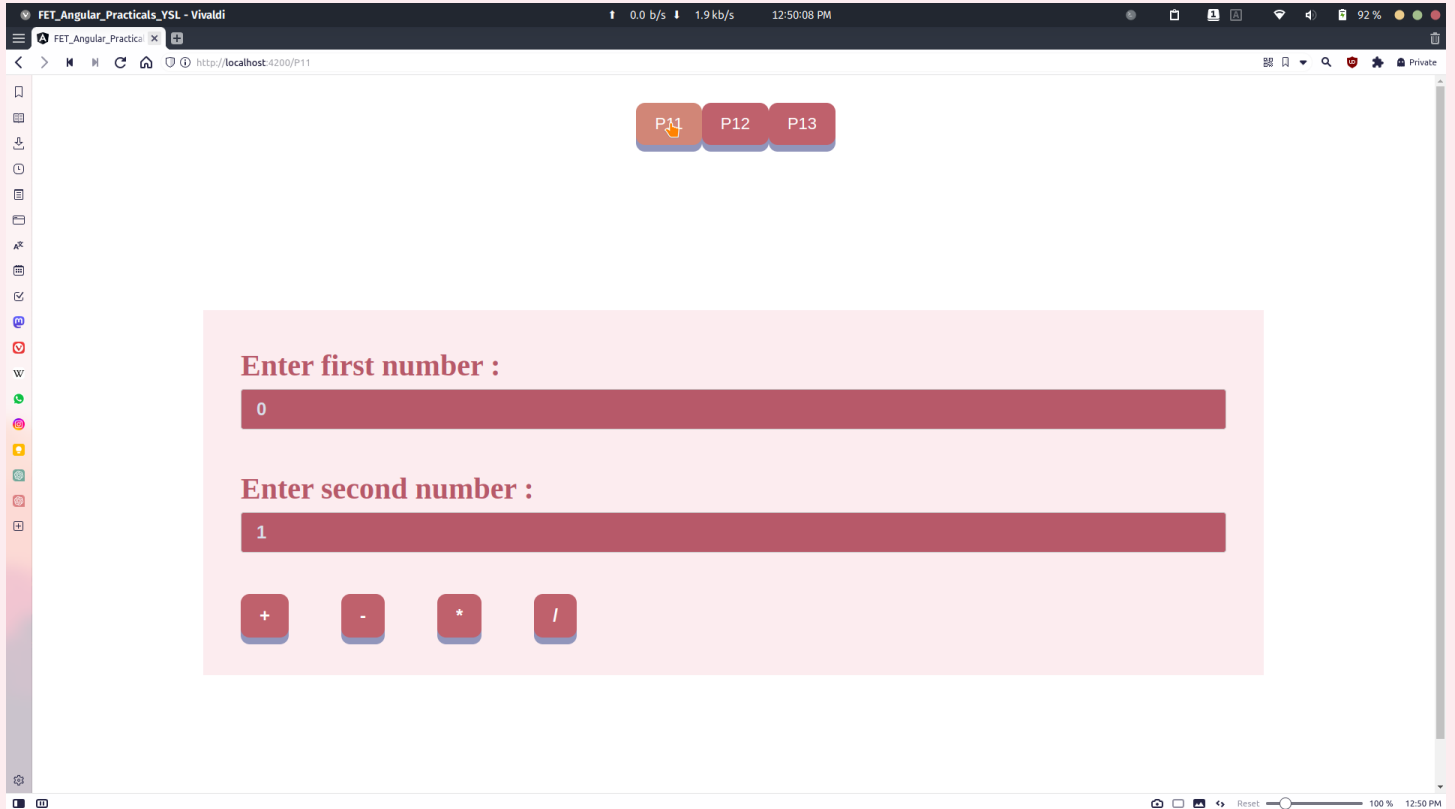
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