

SOURCE CODE FOR ROUTING:

app.component.ts:

```
import { Component } from '@angular/core';

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title = 'routingexample';
}
```

app.module.ts:

```
import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';

import { AppComponent } from './app.component';
import { HomeComponent } from './home/home.component';
import { LoginComponent } from './login/login.component';
import { RouterModule } from '@angular/router';
import { ProfileComponent } from './profile/profile.component';
import { FormsModule } from '@angular/forms';
@NgModule({
  declarations: [
    AppComponent,
    HomeComponent,
    LoginComponent,
    ProfileComponent
  ],
  imports: [
    BrowserModule,
    RouterModule.forRoot([
      {path : 'home' , component: HomeComponent },
      {path : 'login', component: LoginComponent},
      {path : 'profile', component: ProfileComponent}
    ]),
    FormsModule,
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

app.component.html:

```
<!-- <h2>App Demo Component</h2>
<input type="text" [(ngModel)]="ds.message"/>
<h3>{{ds.message}}</h3>
<app-servdemo></app-servdemo> -->

<p> Main Component</p>
<nav>
  <a routerLink="/home">Home</a><br>

  <a routerLink="/login">Login</a>
</nav>
<router-outlet></router-outlet>
```

Home

[home.component.html:](#)

```
<p>home works!</p>
```

[home.component.ts:](#)

```
import { Component } from '@angular/core';

@Component({
  selector: 'app-home',
  templateUrl: './home.component.html',
  styleUrls: ['./home.component.css']
})
export class HomeComponent {

}
```

login

login.component.html:

```
<p>login works!</p>
<form #gfgform="ngForm" (ngSubmit)="onSubmit()" >
  username<input type="text">
  password<input type="password">
  <input type="submit" value="submit">
</form>
```

login.component.ts:

```
import { Component, OnInit } from '@angular/core';
import { Router } from '@angular/router';

@Component({
  selector: 'app-login',
  templateUrl: './login.component.html',
  styleUrls: ['./login.component.css']
})
export class LoginComponent implements OnInit {
  ngOnInit(): void {

  }

  constructor(private route: Router) {}

  onSubmit(){

    this.route.navigate(['/profile']);
  }
}
```

profile

profile.component.html:

```
<p>profile works!</p>
```

profile.component.ts:

```
import { Component } from '@angular/core';

@Component({
  selector: 'app-profile',
  templateUrl: './profile.component.html',
  styleUrls: ['./profile.component.css']
})
export class ProfileComponent {

}
```



