**Pipes**

**app.component.ts**

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

@Component({

  selector: 'app-root',

  templateUrl: './app.component.html',

  styleUrls: ['./app.component.css']

})

export class AppComponent {

  title = 'myAngularApp';

  currentdate = new Date();

  js = {name: 'Alex', age: '25', address:{a1: 'Paris', a2: 'France'}};

  courses = ['HTML', 'CSS', 'JavaScript', 'Node js', 'Angular', 'React js', 'PHP'];

}

**app.component.html**

    <h1>Uppercase Pipe</h1>

    <b>{{title | uppercase}}</b><br/>

    <h1>Lowercase Pipe</h1>

    <b>{{title | lowercase}}</b>

    <h1>Date pipe</h1>

    <b>{{currentdate | date:'yyyy'}}</b><br/>

    <b>{{currentdate | date:'fullDate'}}</b>

    <h1>Decimal Pipe</h1>

    <b>{{ 278.89 | number: '3.4' }}</b>

    <h1>Currency Pipe</h1>

    <b>{{6589.23 | currency:"USD"}}</b><br/>

    <h1>Json Pipe</h1>

    <b>{{ js | json }}</b>

    <h1>Percent Pipe</h1>

    <b>{{00.7645 | percent}}</b>

    <h1>Slice Pipe</h1>

    <b>{{courses | slice:2:6}}</b>

**app.module.ts**

import { NgModule } from '@angular/core';

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

import {FormsModule} from '@angular/forms';

import { AppRoutingModule } from './app-routing.module';

import { AppComponent } from './app.component';

@NgModule({

  declarations: [

    AppComponent

  ],

  imports: [

    BrowserModule,

    AppRoutingModule,

    FormsModule

  ],

  providers: [],

  bootstrap: [AppComponent]

})

export class AppModule { }

**Decimal pipe**

**app.component.ts**

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

@Component({

  selector: 'app-root',

  templateUrl: './app.component.html',

  styleUrls: ['./app.component.scss']

})

export class AppComponent {

  title = 'myAngularApp';

  val=0;

}

**app.module.ts**

import { NgModule } from '@angular/core';

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

import {FormsModule} from '@angular/forms';

import { AppRoutingModule } from './app-routing.module';

import { AppComponent } from './app.component';

@NgModule({

  declarations: [

    AppComponent

  ],

  imports: [

    BrowserModule,

    AppRoutingModule,

    FormsModule

  ],

  providers: [],

  bootstrap: [AppComponent]

})

export class AppModule { }

**app.component.html**

<input type="text" [(ngModel)]="val">

<h1>Decimal Pipe</h1>

<b>{{ val | number: '3.4' }}</b>