CALCULATOR

APP COMPONENT.html:

```html
<!DOCTYPE html>
<html>
<div class="six"><h1>BI-INPUT CALCULATOR</h1>
<app-calc></app-calc>
<div class="shf"><input type="button" class="button" (click)=" incrementby1one()"
 value="1">  
<input type="button" class="button" (click)=" incrementby1two()" value="1"><br><br>
<input type="button" class="button" (click)=" incrementby2one()" value="2">  
<input type="button" class="button" (click)=" incrementby2two()" value="2"><br><br>
<input type="button" class="button" (click)=" incrementby3one()" value="3">  
<input type="button" class="button" (click)=" incrementby3two()" value="3"><br><br>
<input type="button" class="button" (click)=" incrementby4one()" value="4">  
<input type="button" class="button" (click)=" incrementby4two()" value="4"><br><br>
<input type="button" class="button" (click)=" incrementby5one()" value="5">  
<input type="button" class="button" (click)=" incrementby5two()" value="5"><br><br>
<input type="button" class="button" (click)=" incrementby6one()" value="6">  
<input type="button" class="button" (click)=" incrementby6two()" value="6"><br><br>
<input type="button" class="button" (click)=" incrementby7one()" value="7">  
<input type="button" class="button" (click)=" incrementby7two()" value="7"><br><br>
<input type="button" class="button" (click)=" incrementby8one()" value="8">  
<input type="button" class="button" (click)=" incrementby8two()" value="8"><br><br>
<input type="button" class="button" (click)=" incrementby9one()" value="9">  
<input type="button" class="button" (click)=" incrementby9two()" value="9"><br><br>
```

```html
<input type="button" class="button" (click)=" incrementby0one()" value="0"> 
 
<input type="button" class="button" (click)=" incrementby0two()" value="0"><br><b
r>
<input type="button" class="button" (click)="Add()" value="+">  
<input type="button" class="button" (click)="Subt()" value="-"><br><br>
<input type="button" class="button" (click)="Prod()" value="*">  
<input type="button" class="button" (click)="Div()" value="/"><br><br>
<input type="button" class="button" (click)="Fact()" value="f">  
<input type="button" class="button" (click)="Prime()" value="p"></div></div>
</html>
```

APP COMPONENT.css:

```css
h1{
  color:red;
  padding-left: 600px;
}
.shf{
  padding-left: 700px;
}
.button{
  background-color: #1c87c9;
  -webkit-border-radius: 60px;
  border-radius: 60px;
  border: none;
  color: #eeeeee;
  cursor: pointer;
  display: inline-block;
  font-family: sans-serif;
  font-size: 20px;
  padding: 10px 10px;
  text-align: center;
  text-decoration: none;
}
@keyframes glowing {
0% {
    background-color: #2ba805;
    box-shadow: 0 0 5px #2ba805;
}
50% {
    background-color: #a805a8;
    box-shadow: 0 0 20px #8705a8;
```

```css
  }
  100%{
    background-color: #2ba805;
    box-shadow: 0 0 5px #2ba805;
  }
  }
  .button{
  animation: glowing 1300ms infinite;
  }
html{
  background-image: url("math.jpg");
}
```

APP COMPONENT.ts:

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


@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  counter_one=0;
  counter_two=0;
  title = 'MyAPP';
  incrementby1one()
  {
    this.counter_one +=1;
  }
  incrementby1two()
  {
    this.counter_two +=1;
  }
  incrementby2one()
  {
    this.counter_one +=2;
  }
  incrementby2two()
  {
    this.counter_two +=2;
  }
```

```
incrementby3one()
{
  this.counter_one +=3;
}
incrementby3two()
{
  this.counter_two +=3;
}
incrementby4one()
{
  this.counter_one +=4;
}
incrementby4two()
{
  this.counter_two +=4;
}
incrementby5one()
{
  this.counter_one +=5;
}
incrementby5two()
{
  this.counter_two +=5;
}
incrementby6one()
{
  this.counter_one +=6;
}
incrementby6two()
{
  this.counter_two +=6;
}
incrementby7one()
{
  this.counter_one +=7;
}
incrementby7two()
{
  this.counter_two +=7;
}
incrementby8one()
{
  this.counter_one +=8;
}
incrementby8two()
```

```
{
  this.counter_two +=8;
}
incrementby9one()
{
  this.counter_one +=9;
}
incrementby9two()
{
  this.counter_two +=9;
}
incrementby0one()
{
  this.counter_one +=0;
}
incrementby0two()
{
  this.counter_two +=0;
}
Add()
{
  alert( this.counter_one+this.counter_two);
  this.counter_one=0;
  this.counter_two=0;
}
Subt()
{
  alert(this.counter_one-this.counter_two);
  this.counter_one=0;
  this.counter_two=0;
}
Prod()
{
  alert(this.counter_one*this.counter_two);
  this.counter_one=0;
  this.counter_two=0;
}
Div()
{
  alert(this.counter_one/this.counter_two);
  this.counter_one=0;
  this.counter_two=0;
}
Fact(){
  var a=1;
```

```javascript
        if(this.counter_one==0)
         {

         alert(1)

         }
        else
        {
          while(this.counter_one!=1)
          {
            a=a*this.counter_one;
            this.counter_one -=1;
          }
          alert(a);
          this.counter_one -=1;
        }
     }
     Prime()
     { var flag;
        for(let i=2;i<=this.counter_one/2;i++)
          {
              if(this.counter_one%i==0)
              {
                  flag=0;
              }
              else{
                  flag=1;
              }
          }
          if(flag==0)
          {
            alert("THE NUMBER IS PRIME")
          }
          else{
            alert("THE NUMBER IS COMPOSITE")
          }
          this.counter_one=0;
     }
}
```

Screen Shot of App: