BI-INPUT CALCULATOR

APP COMPONENT.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><b
r>
<input type="button" class="button" (click)=" incrementby2one()" value="2"> 
 
<input type="button" class="button" (click)=" incrementby2two()" value="2"><br><b
r>
<input type="button" class="button" (click)=" incrementby3one()" value="3"> 
 
<input type="button" class="button" (click)=" incrementby3two()" value="3"><br><b
r>
<input type="button" class="button" (click)=" incrementby4one()" value="4"> 
 
<input type="button" class="button" (click)=" incrementby4two()" value="4"><br><b
r>
<input type="button" class="button" (click)=" incrementby5one()" value="5"> 
 
<input type="button" class="button" (click)=" incrementby5two()" value="5"><br><b
r>
<input type="button" class="button" (click)=" incrementby6one()" value="6"> 
 
<input type="button" class="button" (click)=" incrementby6two()" value="6"><br><b
r>
<input type="button" class="button" (click)=" incrementby7one()" value="7"> 
 
<input type="button" class="button" (click)=" incrementby7two()" value="7"><br><b
r>
<input type="button" class="button" (click)=" incrementby8one()" value="8"> 
 
<input type="button" class="button" (click)=" incrementby8two()" value="8"><br><b
r>
<input type="button" class="button" (click)=" incrementby9one()" value="9"> 
 
<input type="button" class="button" (click)=" incrementby9two()" value="9"><br><b
r>
<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:

```
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;
```

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

APP COMPONENT.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;
```

```
    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: