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<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-
scale=1" content="width=device-height, initial-scale=1" />

    <title>2021 SGPA 1st sem</title>
    <script>

function calculate()
{

  var a=parseInt(document.getElementById("mat").value);
  var b=parseInt(document.getElementById("che").value);
  var c=parseInt(document.getElementById("psp").value);
  var d=parseInt(document.getElementById("eln").value);
  var e=parseInt(document.getElementById("eme").value);
  var f=parseInt(document.getElementById("chel").value);
  var g=parseInt(document.getElementById("cpl").value);
  var h=parseInt(document.getElementById("egh").value);
  var i=parseInt(document.getElementById("sfh").value);

  var aa=3*marks(a);
  var ab=3*marks(b);
  var ac=3*marks(c);
  var ad=3*marks(d);
  var ae=3*marks(e);
  var af=1*marks(f);
  var ag=1*marks(g);
  var ah=2*marks(h);
  var ai=1*marks(i);

  var z=((aa+ab+ac+ad+ae+af+ag+ah+ai)/200)*10;

  document.getElementById("res").value=parseFloat(z);
}

function marks(y)
{
  if(y>=90)
    return 10;
  else if (y<=89&&y>=80)
    return 9;
  else if (y<=79&&y>=70)
    return 8;
  else if (y<=69&&y>=60)
    return 7;
  else if (y<=59&&y>=50)
    return 6;
  else if (y<=49&&y>=45)
    return 5;
  else if (y<=44&&y>=40)
    return 4;
  else
    return 0;
}

</script>

<style>

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#calc {
    background-color: aqua;
    padding: 0.5% 2% 0.5% 2%;
    font-size: 100%;
}

label{

    color: aliceblue;
    margin-top: 5%;
    font-weight: bold;
}
input{
    background-color: rgb(221, 239, 137);
    margin: 1% 0 2% 0 ;
    font-weight: bold;
    text-align: center;
    font-size: 100%;
}
*{
    background-color: rgb(5, 13, 76);
}
#res{
    font-size: 200%;
    width: 150px;
    background-color: rgb(217, 237, 198);
    color: red;
}
#h{
    color: red;
    font-size: x-large;
    margin-bottom: 7%;
    font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
}

```

</style>

```

</head>
<center>
<body id="bd">
    <b id="h">2021 SGPA CALCULATOR</b>
    <br>
    <br>

    <label>21MAT11          : </label>
    <br>
    <input type="text" id="mat">
</br>
    <label>21CHE12/21PHY12  : </label>
</br>
    <input type="text" id="che">
</br>
    <label>21PSP13/ 21ELE13 : </label>
</br>
    <input type="text" id="psp">
</br>
    <label>21ELN14/21CIV14  : </label>
    <br>
    <input type="text" id="eln">

</br>

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<label>21EME15/21EVNL15 : </label>
<br>
<input type="text" id="eme">

</br>
<label>21CHEL16/21PHYL16: </label>
<br>
<input type="text" id="chel">
</br>
<label>21CPL17/21ELEL17 : </label>
<br>
<input type="text" id="cpl">

</br>
<label>21EGH18          : </label>
<br>
<input type="text" id="egh">

</br>
<label>21SFH19/21IDT19 : </label>
<br>
<input type="text" id="sfh">
</br>

<input type="button" value="calculate" id="calc" onclick="calculate()"></input>

<p style="color:red; font-size:large">Your CGPA/SGPA is</p>
<input type="text" id="res" disabled>

</center>
</body>

</html>
```