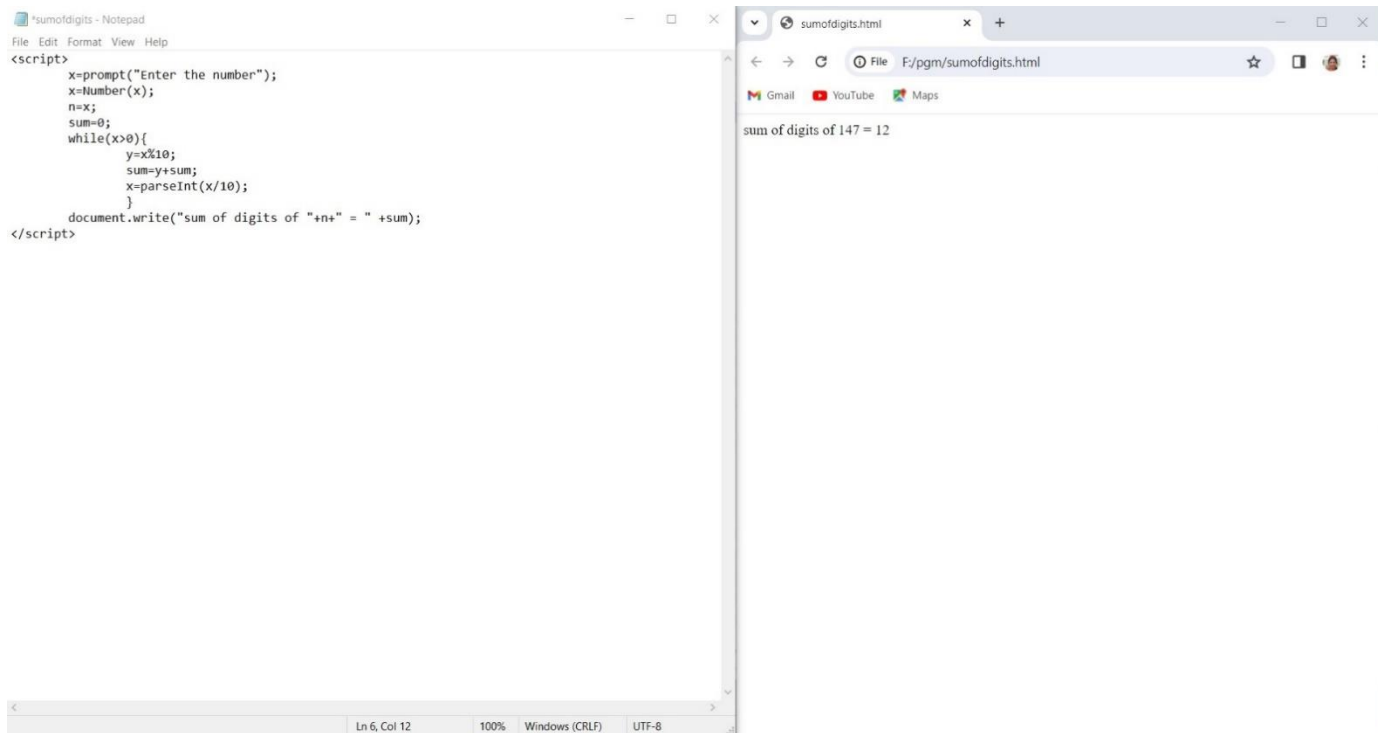
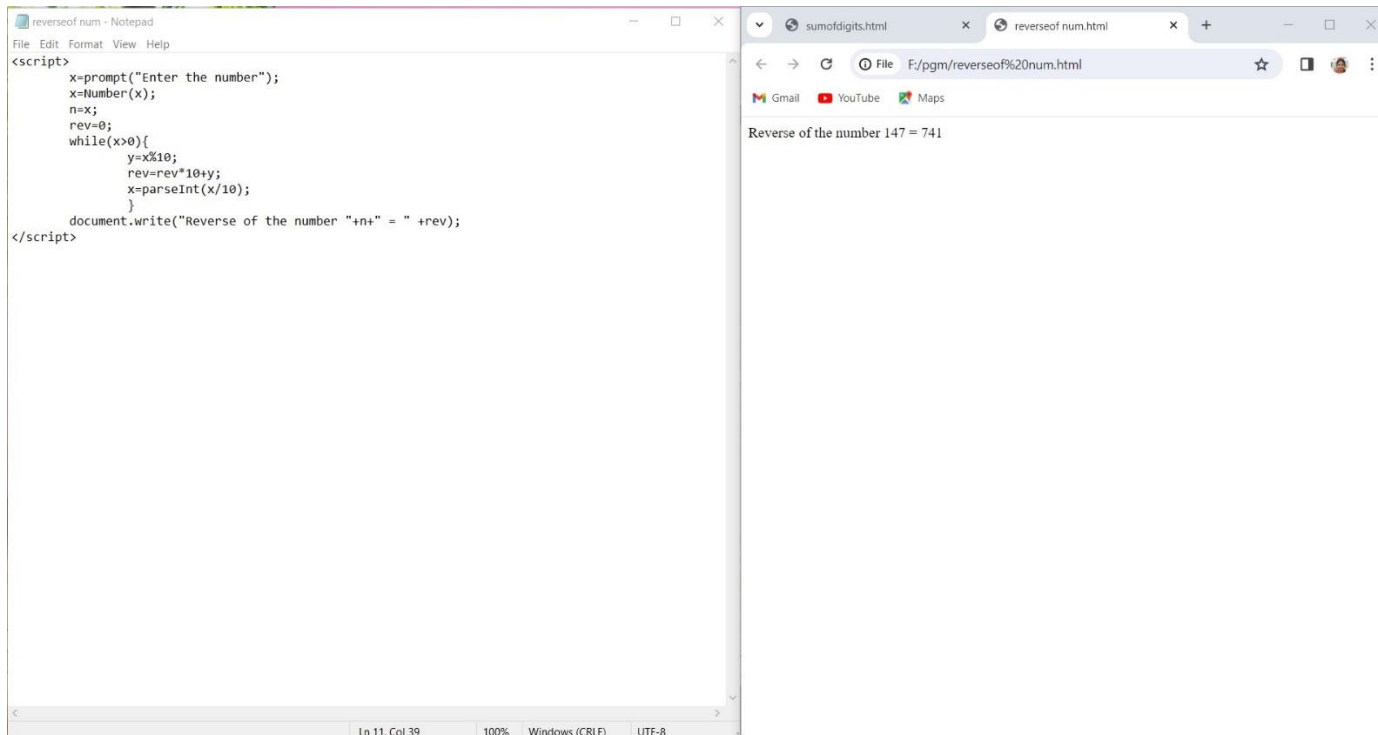


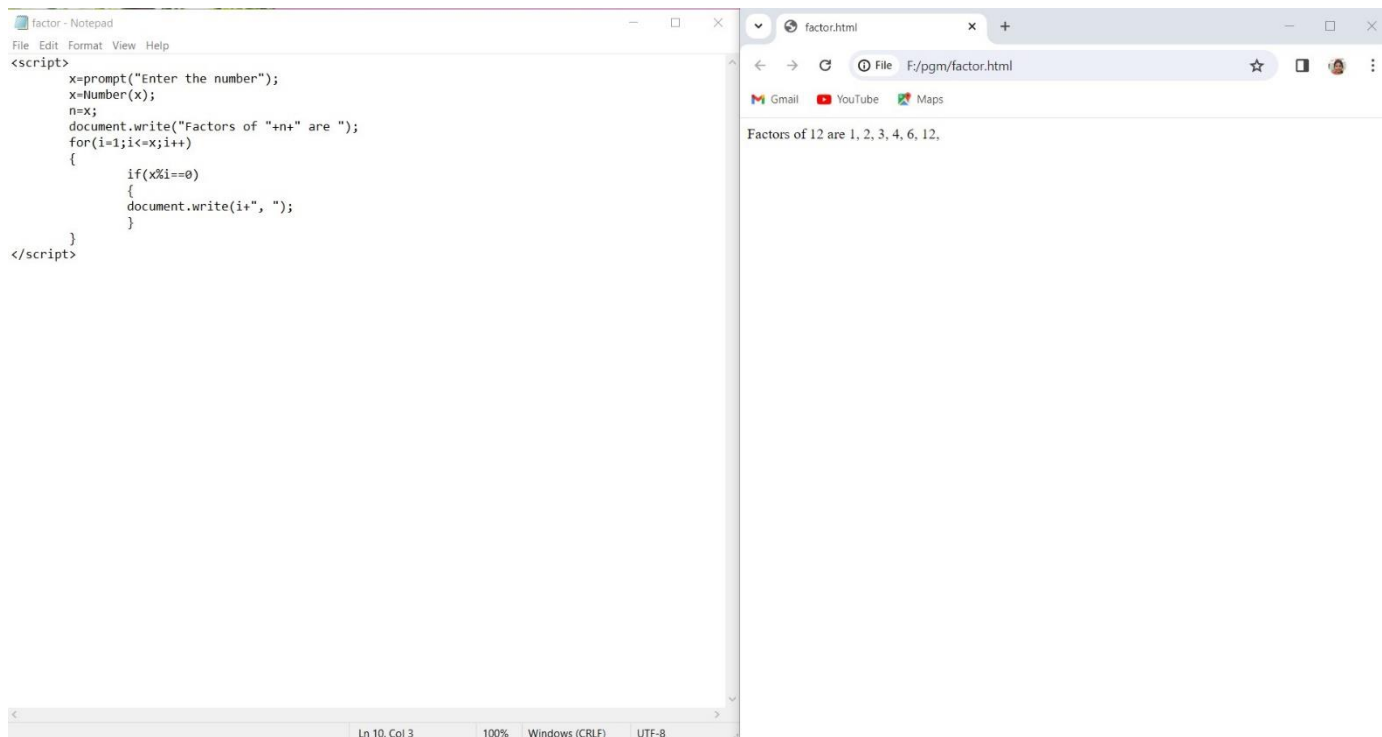
1. Sum of digits of a number



2. Reverse of a number



3. Factor of a number

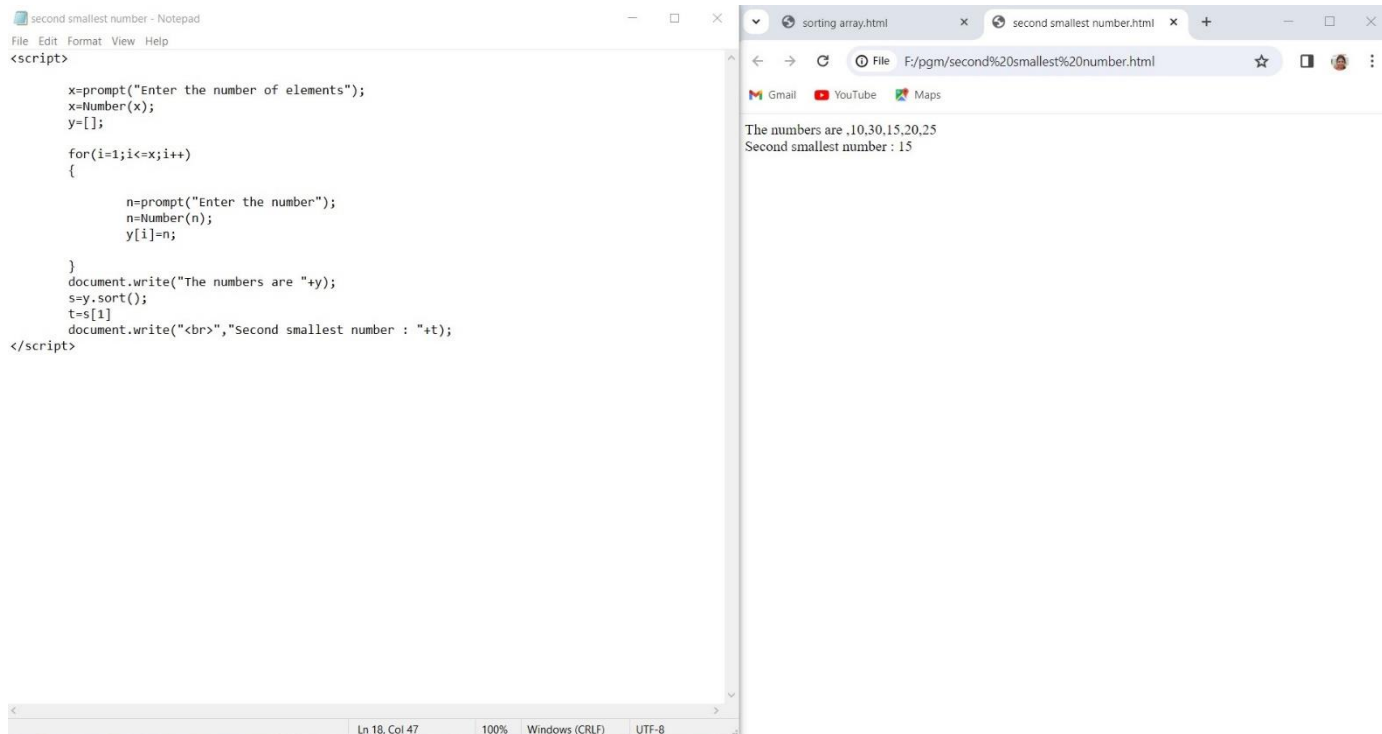


The screenshot shows a web browser window with the address bar displaying 'factor.html' and the file path 'F:/pgm/factor.html'. The browser content displays 'Factors of 12 are 1, 2, 3, 4, 6, 12,'. To the left, a Notepad window titled 'factor - Notepad' contains the following JavaScript code:

```
<script>
x=prompt("Enter the number");
x=Number(x);
n=x;
document.write("Factors of "+n+" are ");
for(i=1;i<=x;i++)
{
    if(x%i==0)
    {
        document.write(i+", ");
    }
}
</script>
```

The Notepad status bar at the bottom indicates 'Ln 10, Col 3', '100%', 'Windows (CRLF)', and 'UTF-8'.

4. Second smallest element in an array



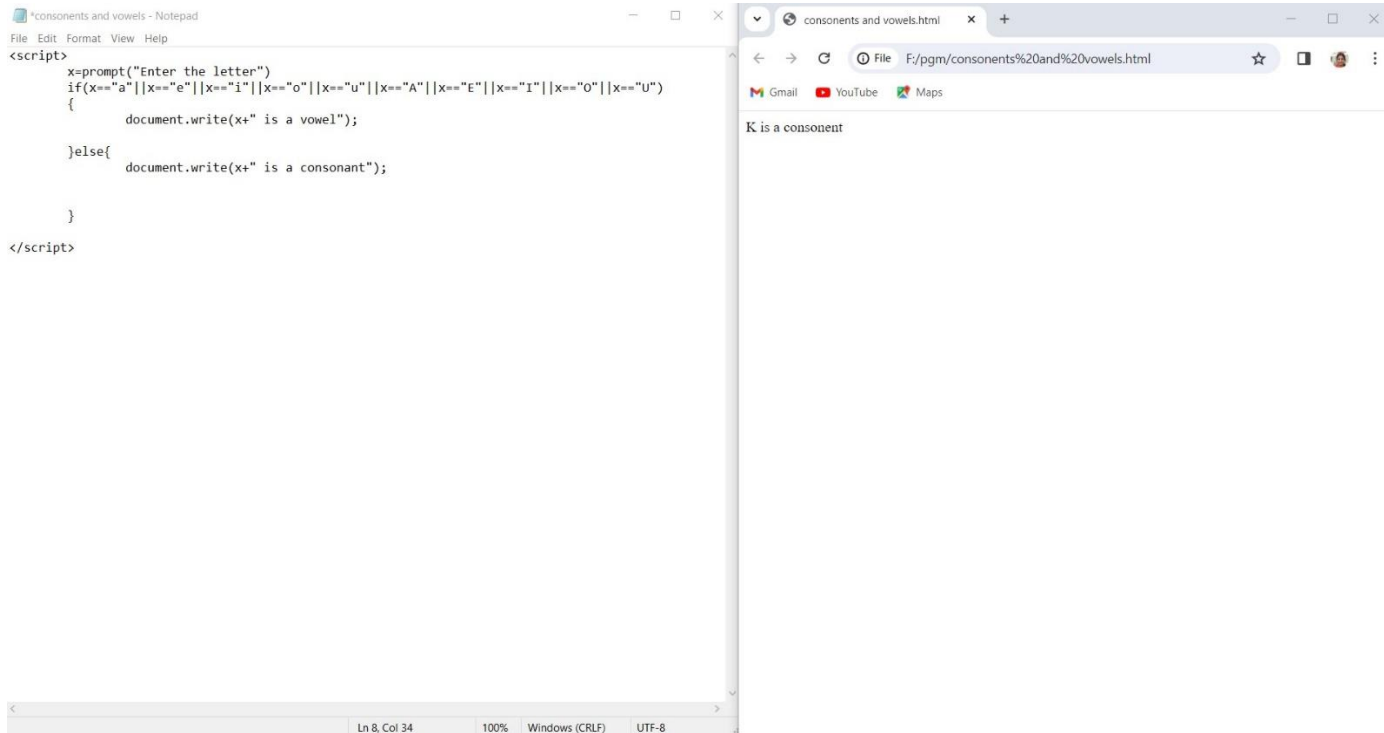
The screenshot shows a web browser window with two tabs: 'sorting array.html' and 'second smallest number.html'. The address bar displays 'second smallest number.html' and the file path 'F:/pgm/second%20smallest%20number.html'. The browser content displays 'The numbers are ,10,30,15,20,25' and 'Second smallest number : 15'. To the left, a Notepad window titled 'second smallest number - Notepad' contains the following JavaScript code:

```
<script>
x=prompt("Enter the number of elements");
x=Number(x);
y=[];

for(i=1;i<=x;i++)
{
    n=prompt("Enter the number");
    n=Number(n);
    y[i]=n;
}
document.write("The numbers are "+y);
s=y.sort();
t=s[1]
document.write("<br>","Second smallest number : "+t);
</script>
```

The Notepad status bar at the bottom indicates 'Ln 18, Col 47', '100%', 'Windows (CRLF)', and 'UTF-8'.

6. Checking whether the character is a vowel or a consonant

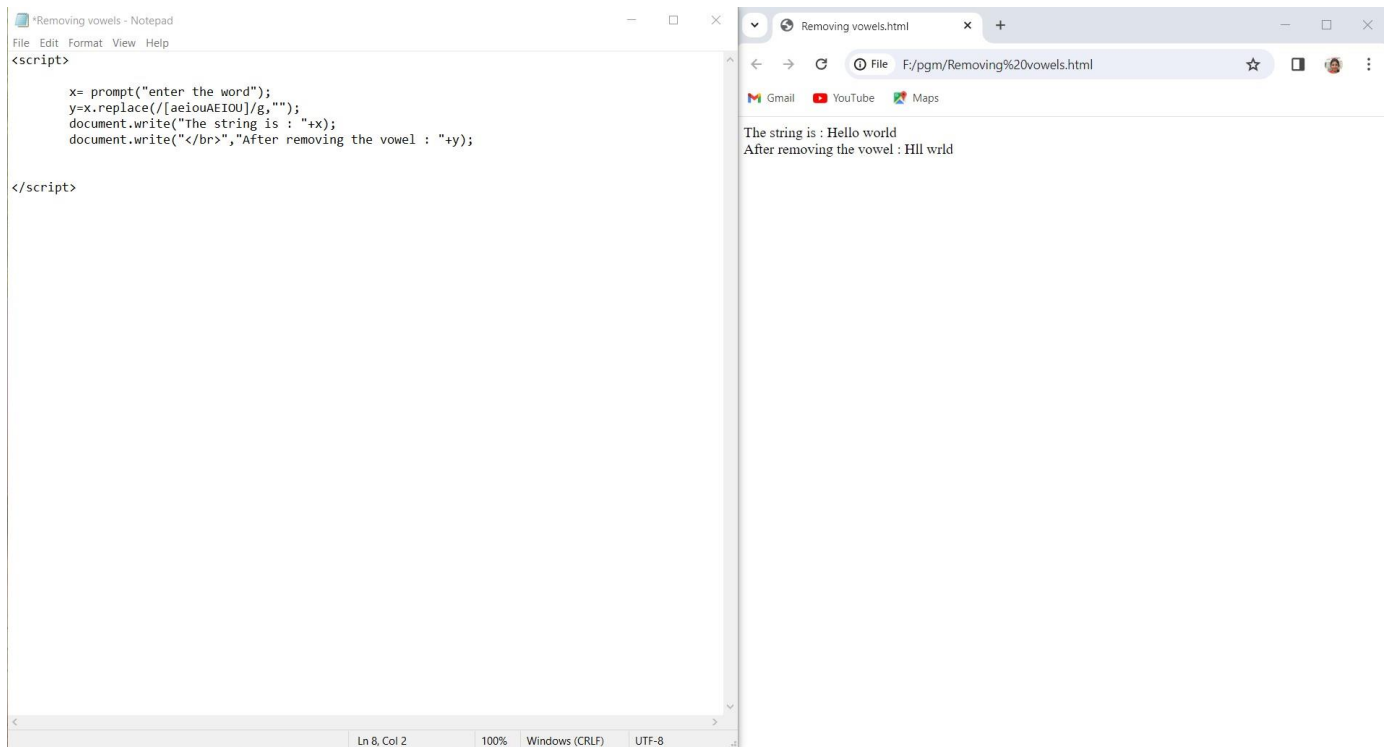


The screenshot shows a Notepad window titled "consonents and vowels - Notepad" with the following JavaScript code:

```
<script>
  x=prompt("Enter the letter")
  if(x=="a"||x=="e"||x=="i"||x=="o"||x=="u"||x=="A"||x=="E"||x=="I"||x=="O"||x=="U")
  {
    document.write(x+" is a vowel");
  }
  else{
    document.write(x+" is a consonant");
  }
}
</script>
```

The web browser window titled "consonents and vowels.html" shows the output: "K is a consonant". The browser's address bar shows the file path: "F:/pgm/consonents%20and%20vowels.html".

7. Removing the vowels from a string

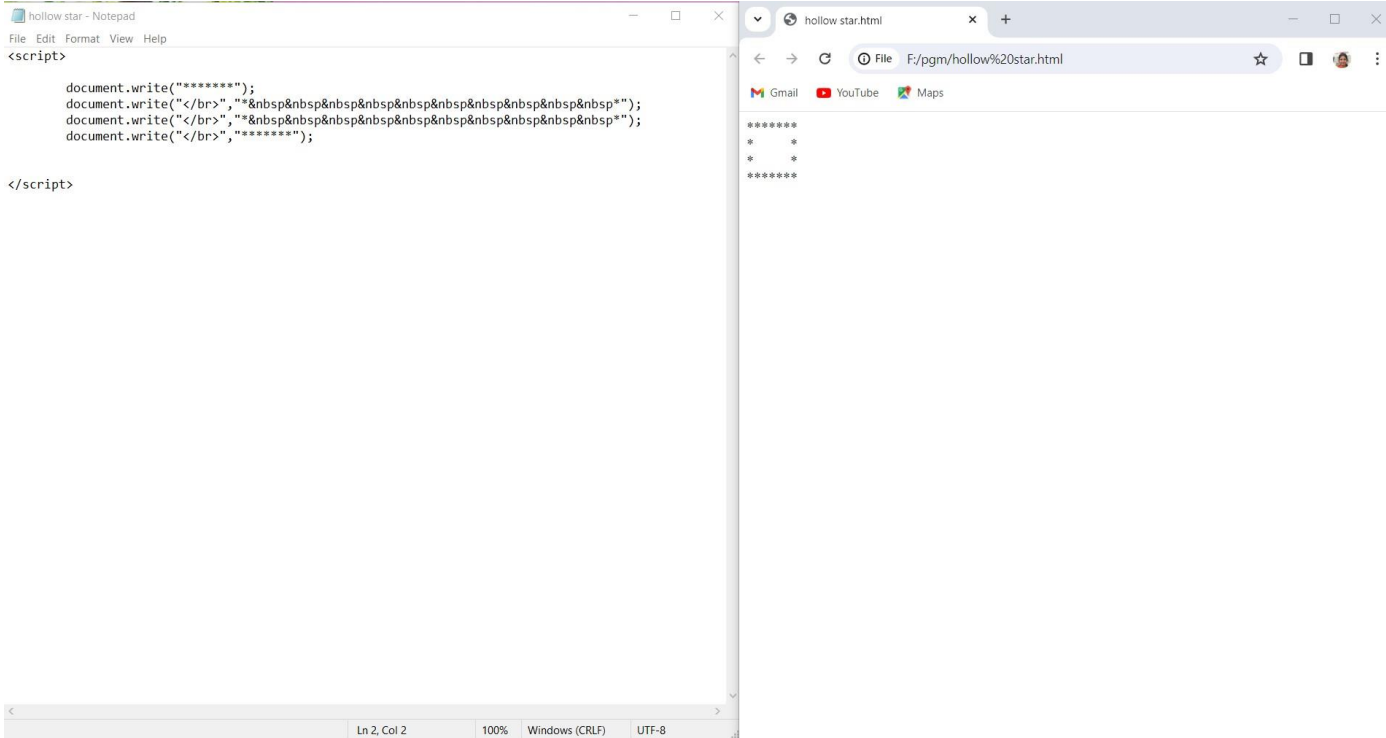


The screenshot shows a Notepad window titled "Removing vowels - Notepad" with the following JavaScript code:

```
<script>
  x= prompt("enter the word");
  y=x.replace(/[aeiouAEIOU]/g,"");
  document.write("The string is : "+x);
  document.write("<br>","After removing the vowel : "+y);
}
</script>
```

The web browser window titled "Removing vowels.html" shows the output: "The string is : Hello world" and "After removing the vowel : Hll wrld". The browser's address bar shows the file path: "F:/pgm/Removing%20vowels.html".

8. Hollow rectangle * pattern



10. Sort the elements of an array

