## **EXPERIMENT-1**

**AIM:** To write a JavaScript program to display all the strong numbers up to given number.

## **PROGRAM:**

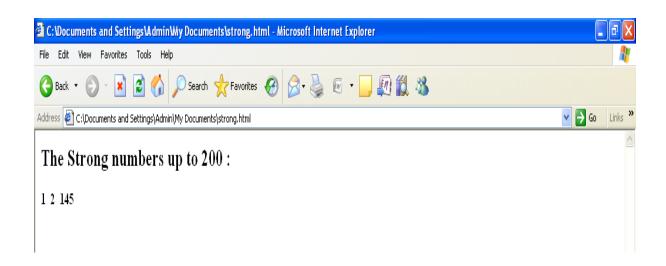
```
<html> <head> <title> Strong Numbers </title>
<script type="text/javascript">
       function fact(n){
              var f=1;
              for(var i=1;i<=n;i++)
                     f=f*i;
              return f;
              }
      function strong(){
              var n=parseInt(window.prompt("Enter range:"));
              document.writeln("<h2> The Strong numbers up to "+n+" : </h2>");
              for(var i=1;i <=n;i++)
                     var j=i;
                     var sum=0;
                     while(j!=0){
                             var dig=j%10;
                             sum=sum+fact(dig);
                             j=parseInt(j/10);
                             }
                     if(sum==i)
```

```
document.write("<b>"+i+"&nbsp;&nbsp;</b>");
}
</script> </head>
<body onload="strong()"> </body>
```

## **OUTPUT:**

</html>





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