Develop and demonstrate a XHTML file that includes JavaScript script for the following problems:

a) Input: A number n obtained using prompt
Output: The first n Fibonacci numbers

```
<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"

"http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">

<html xmlns = "http://www.w3.org/1999/xhtml">

<head>

<script type="text/javascript">

function calculation()

{

    var fib1=0,fib2=1,fib=0;

    var num = prompt("Enter a number : \n", "");

    if(num!=null && num>0)

    {

        document.write("<h1>" + num + " Fibonocci numbers are </h1>");


        if(num==1)

            document.write("<h1> "+ fib1 + "</h1>");

        else

            document.write("<h1>" + fib1 + " " + fib2 + "</h1>");

        for(i=3;i<=num; i++)

        {

            fib= fib1 + fib2;

            document.write("<h1> " + fib + "</h1>");

            fib1=fib2;
            fib2=fib;

        }

    }
```

```
        else
                alert("No Proper Input");
    }
    </script>
    </head>
    <body bgcolor="pink" onload="calculation()">
    </body>
    </html>
```

b) Input: A number n obtained using prompt
Output: A table of numbers from 1 to n and their squares using alert

```
    <?xml version="1.0" encoding="UTF-8"?>
   <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
    "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
   <html xmlns = "http://www.w3.org/1999/xhtml">
    <head>
    <script type="text/javascript">
    function sqr()
    {
       var num = prompt("Enter a number : \n", "");
          if(num >0 && num !=null)
       {
              msgstr="Number and its Squares are \n";
              for(i=1;i <= num; i++)
               {
                    msgstr = msgstr + i + " - " + i*i + "\n";
               }
              alert(msgstr);
        }
```

```
   else
                alert("No input supplied");
}
</script>
</head>
<body bgcolor="pink" onload="sqr()">
</body>
</html>
```