EXPERIMENT-4

AIM: To write a JavaScript program that reads a number and displays it in words.

PROGRAM:

```
<html>

<head> <title> Number in Words!</title>

<script language="JavaScript">

function ones(a){

    var r=parseInt(a.charAt(0));

    switch(r){

        case 1: document.write(" One");        break;

        case 2: document.write(" Two");        break;

        case 3: document.write(" Three");        break;

        case 4: document.write(" Four");        break;

        case 5: document.write(" Five");        break;

        case 6: document.write(" Six");        break;

        case 7: document.write(" Seven");        break;

        case 8: document.write(" Eight");        break;

        case 9: document.write(" Nine");        break;

        }

    }

function tens(b){

    var q=parseInt(b.charAt(0));

    switch(q){
```
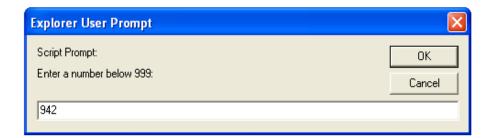
```javascript
            case 1: document.write(" Ten");              break;

            case 2: document.write(" Twenty");           break;

            case 3: document.write(" Thrity");           break;

            case 4: document.write(" Fourty");           break;

            case 5: document.write(" Fifty");            break;

            case 6: document.write(" Sixty");            break;

            case 7: document.write(" Seventy");          break;

            case 8: document.write(" Eighty");           break;

            case 9: document.write(" Ninety");           break;

            }

    n=b.substr(1);

    ones(n);

    }

function hundreds(c){

    var p=parseInt(c.charAt(0));

    switch(p){

            case 1: document.write(" One hundred");     break;

            case 2: document.write(" Two hundred");     break;

            case 3: document.write(" Three hundred");   break;

            case 4: document.write(" Four hundred");    break;

            case 5: document.write(" Five hundred");    break;

            case 6: document.write(" Six hundred");     break;

            case 7: document.write(" Seven hundred");   break;
```
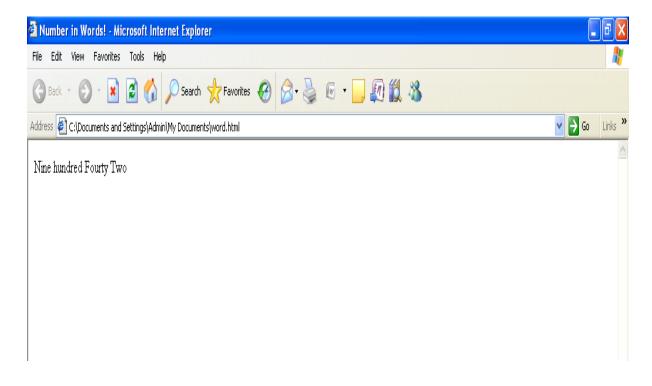
```
            case 8: document.write(" Eight hundred");    break;

            case 9: document.write(" Nine hundred");    break;

            }

        m=c.substr(1);

        tens(m);

        }

</script></head>

<body>

<script language="JavaScript">

var n;

n=prompt("Enter a number below 999:");

var x=parseInt(n.length);

switch(x){

        case 0: document.write("No number");        break;

        case 1: ones(n);                            break;

        case 2: tens(n);                            break;

        case 3: hundreds(n);                        break;

        default: document.write("Invalid input!");  break;

        }

</script>

</body>

</html>
```

OUTPUT: