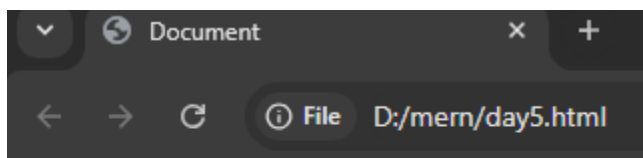


RECURSION AND STACK:

TASK 1:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    function factorialnumber(n)
    {
      if(n==0)
      {
        return 1;
      }
      return n*factorialnumber(n-1);
    }
    document.writeln(factorialnumber(6));
  </script>
</body>
</html>
```



720

TASK 2:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    function fibonacci(n)
    {
      if(n==0 || n==1)
      {
        return n;
      }
      return fibonacci(n-1)+fibonacci(n-2);
    }
    document.writeln(fibonacci(4));
  </script>
</body>
</html>
```

