

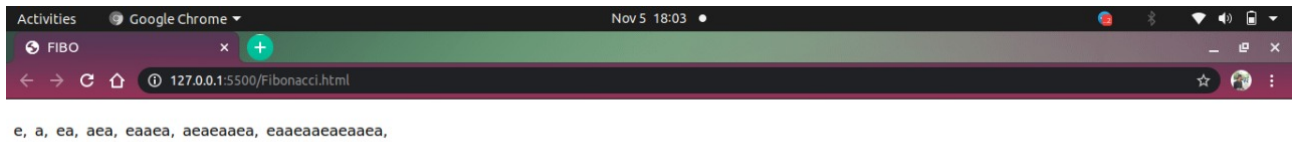
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Javascript Assignment

1.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
      scale=1.0" />
    <title>FIBO</title>
  </head>
  <body>
    <p id="p1"></p>
    <script>
      function fibstr(a, b) {
        x = b[0];
        y = b[1];
        var result = x + ", " + y + ", ";
        for (var i = 2; i < a; i++) {
          z = x + y;
          result += z + ", ";
          x = y;
          y = z;
        }
        document.getElementById("p1").innerHTML = result;
      }
      fibstr(5, ["e", "a"]);
    </script>
  </body>
</html>
```



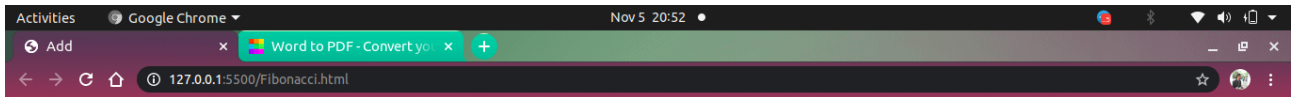
2.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
      scale=1.0" />
    <title>Add</title>
  </head>
  <body>
    <p id="p1"></p>
    <script>
      function sumDigProd(...args) {
        sum = 0;
        for (var i = 0; i < args.length; i++) {
          sum += args[i];
        }
        n = sum;
        while (n >= 10) {
          sum = n;
          n = 1;
          while (sum > 0) {
            n = n * (sum % 10);
            sum = Math.floor(sum / 10);
          }
        }
      }
    </script>
  </body>
</html>
```

```

    }
    document.getElementById("p1").innerHTML = n;
}
sumDigProd(16, 28);
</script>
</body>
</html>

```



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3.

```

<!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>
    <p id="p1"></p>
    <script>
      function adecomp(add) {
        var n = add.indexOf(" ");
        var result = [add.substring(0, n)];
        var comma = add.indexOf(",");
        var s = add.substring(n + 1, comma);
        var c = 0;

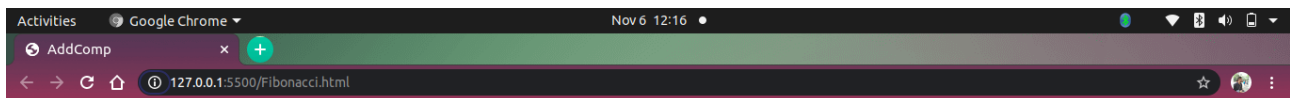
```

```

        var i = 0;
        for (var i = 0; c < 2; i++) {
            if (s.charAt(i) == " ") c++;
        }
        result = [...result, s.substring(0, i)];
        result = [...result, s.substring(i)];
        result = [...result, add.substring(comma + 1,
            add.lastIndexOf(" "))];
        result = [...result,
add.substring(add.lastIndexOf(" ") + 1)];
        document.getElementById("p1").innerHTML = "" +
            [...result];
    }

    adecomp("557 Vanity St Beverly Hills, MT 59105");
    //Vanity St Beverly Hills
</script>
</body>
</html>

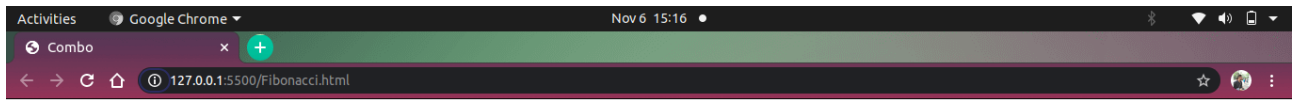
```



557,Vanity St ,Beverly Hills, MT,59105

4.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
      scale=1.0" />
    <title>Combo</title>
  </head>
  <body>
    <p id="p1"></p>
    <script>
      function factorial(n) {
        var f = 1;
        while (n > 1) {
          f = f * n;
          n--;
        }
        return f;
      }
      function combination(card, deck) {
        var ans =Math.floor(factorial(deck) / (factorial(deck -
card) *
          factorial(card)));
        return ans;
      }
      document.getElementById("p1").innerHTML = combination(52, 52);
    </script>
  </body>
</html>
```



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