

INTERNET AND WEB PROGRAMMING**CSE3002****EXPERIMENT-5**

1. Write a HTML/JavaScript program that reads number of kilometers, cost of a petrol, and petrol consumption (kms per litre) and then determine the cost of a specific trip. The output should be displayed using document.writeln.

Code**HTML :-**

```
<!DOCTYPE html>

<html>

<head>

<script src="script1.js"></script></head>

<body>

<form id="petrolForm" onSubmit="handleSubmit(); return false">

<fieldset>

<legend>Cost Predictor:</legend>

<label>Kilometers Traveled</label>

<input type="number" id="km" name="km"><br>

<label>Petrol Cost</label>

<input type="number" id="pc" name="pc"><br>

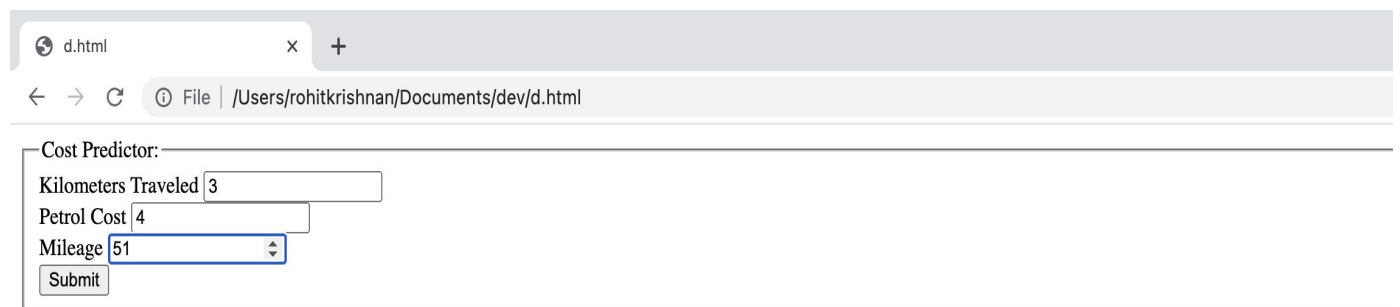
<label>Mileage</label>
```

```
<input type="number" id="ml" name="ml"><br>
<input type="submit" >
</fieldset>
</form>
</body>
</html>
```

Javascript:-

```
function handleSubmit(){
var formEl = document.forms.petrolForm;
var formData = new FormData(formEl);
var km = formData.get('km');
var pc = formData.get('pc');
var ml = formData.get('ml');
var cost= km*ml*pc;
document.writeln("The Travel cost: "+cost);
}
```

Output



The screenshot shows a web browser window with a single tab titled 'd.html'. The address bar shows the file path: /Users/rohitkrishnan/Documents/dev/d.html. The page content is a form titled 'Cost Predictor:'. The form contains three input fields: 'Kilometers Traveled' with the value '3', 'Petrol Cost' with the value '4', and 'Mileage' with the value '51'. Below these fields is a 'Submit' button.

d.html

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File | /Users/rohitkrishnan/Documents/dev/d.html

The Travel cost: 612

2. Define functions sum() and multiply() that sums and multiplies the given numbers in an array. Implement using HTML/JavaScript.

HTML :-
<!DOCTYPE html>
<html>
<head>
<script src="script2.js"></script>
</head>
<body>
<form id="sumMultiply" onSubmit="handleSubmit(); return false">
<fieldset>
<legend>Find Sum and Multiply:</legend>
<label>Enter the array of numbers (seperated by space)</label>
<input type="text" id="ar" name="ar" />

<input type="submit" />
</fieldset>
</form>
<h3>SUM:</h3>

```
<p id="sum">-</p>
```

```
<h3>MULTIPLY:</h3>
```

```
<p id="mul">-</p>
```

```
</body>
```

```
</html>
```

Javascript:-

```
function handleSubmit(){
```

```
var formEl = document.forms.sumMultiply;
```

```
var formData = new FormData(formEl);
```

```
var ar = formData.get('ar');
```

```
var arr=ar.split(" ");
```

```
sum(arr);
```

```
multiply(arr);
```

```
}
```

```
function multiply(arr){
```

```
var element= document.getElementById("mul");
```

```
var mul=1;
```

```
for(var i=0;i<arr.length;i++)
```

```
mul*=parseInt(arr[i]);
```

```
element.innerHTML=mul;
```

```
}
```

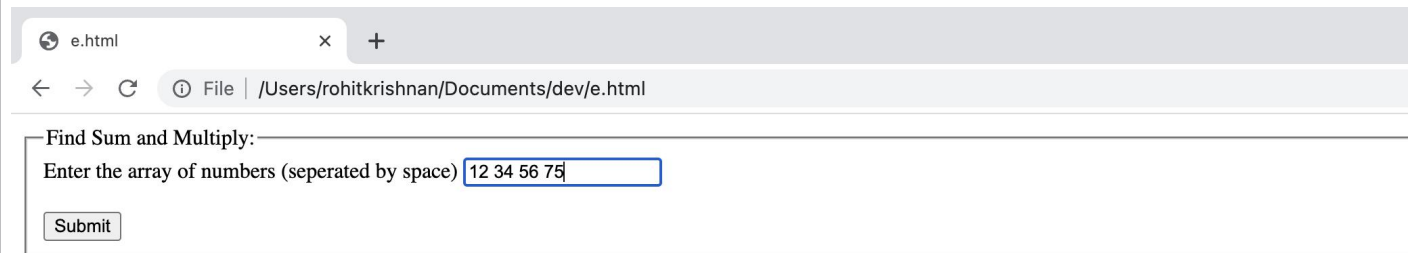
```
function sum(arr){
```

```
var element= document.getElementById("sum");
```

```
var sum=0;
```

```
for(var i=0;i<arr.length;i++)  
sum+=parseInt(arr[i]);  
element.innerHTML=sum;  
}
```

Output:-



e.html x +

File | /Users/rohitkrishnan/Documents/dev/e.html

Find Sum and Multiply:

Enter the array of numbers (seperated by space)

SUM:

-

MULTIPLY:



e.html x +

File | /Users/rohitkrishnan/Documents/dev/e.html

Find Sum and Multiply:

Enter the array of numbers (seperated by space)

SUM:

177

MULTIPLY:

1713600