

1. Create a constructor function Car to have colour, model and price as properties. Create two different Car objects with properties as :

car1 : blue ,Honda city,1500000

car2 : red,I20 ,900000

Write a function to display car details like colour, price and model.

Solution

```
<html>
```

```
<head>
```

```
</head>
```

```
<body>
```

```
<p id="demo"></p>
```

```
<script>
```

```
function Car(colour,model,price)
```

```
{
```

```
  this.colour=colour;
```

```
  this.model=model;
```

```
  this.price=price;
```

```
  this.details=function(){
```

```
    return this.colour+" "+this.model+" "
```

```
        +this.price;

    };

}

var car1=new Car("blue","Honda city",1500000);

var car2=new Car("red","I20",900000);


document.write(car1.details()+"<br>");

document.write(car2.details());

</script>

</body>

</html>
```

2. Create a form that will have following fields:

1. Name - Should not be blank
2. Address – Should not be blank and minimum length should be 10 chars
3. Phone number- Length should be 10 and only digits are allowed.
4. Email id - Should not be blank and validate email patterns as well.

Add a button to submit the above fields.

Write a function to validate above fields and alert appropriate messages if any of the fields is invalid.

Solution

```
<!DOCTYPE html>

<html>

<head>

  <title>Form </title>

  <script>

    function isEmpty(){

      if(document.forms.Name.value==""){

        alert("empty");

      }

      return false;

    }

  </script>

</head>

<body>

  <form action="" onsubmit="return isEmpty()">

    <div>

      Name:

      <input type="text" name="Name" required>
```

</div>

<div>

Address:

<input type="text" min=10 required>

</div>

<div>

Phone number:

<input type="tel" id="phone" pattern="[0-9]{10}" required>

</div>

<div>

Email id:

<input type="email" required>

</div>

<input type="submit">

</form>

</body>

</html>

