

1)

a)Functions.html

```
<html>
  <body>
    <h1>MEAN Stack</h1>
    <p> Lesson 3 Demos </p>

    <script src="functions.js"></script>

  </body>
</html>
```

b)functions.js

```
// function constructor
function Employee(name, designation, yearOfBirth){
  this.name= name;
  this.designation= designation;
  this.yearOfBirth= yearOfBirth;
}

// creating calculateAge() method to the Prototype property
Employee.prototype.calculateAge= function(){
  console.log('The current age is: '+(2023- this.yearOfBirth));
}
console.log(Employee.prototype);

// creating Objects
let Emp1= new Employee('Anitha', 'Associate Engineer', 2002);
console.log(Emp1) ;
Emp1.calculateAge();

let Emp2= new Employee('Dexter', 'Senior Software Developer', 1990);
console.log(Emp2)
Emp2.calculateAge();

let Emp3= new Employee('Annie', 'Junior HR', 1998);
console.log(Emp3)
Emp3.calculateAge();
```

Output:

127.0.0.1:5500/Assistedprojects2/functions.html

MEAN Stack

Lesson 3 Demos

Identify your project's root folder to open source files in Visual Studio Code and sync changes. [Learn more](#)

Set root folder Don't show again

top Filter Default levels 5

» {calculateAge: f, constructor: f} functions.js:12

Employee {name: 'Anitha', designation: 'Associate Engineer', yearOfBirth: 2002} functions.js:17

The current age is: 21 functions.js:10

Employee {name: 'Dexter', designation: 'Senior Software Developer', yearOfBirth: 1990} functions.js:21

The current age is: 33 functions.js:10

Employee {name: 'Annie', designation: 'Junior HR', yearOfBirth: 1998} functions.js:25

The current age is: 25 functions.js:10