IWP - Tutorial - 1

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Question - 1 (Calculator) :

1) Home.php

```
<html>
  <head>
     <title>Calculator</title>
  </head>
  <body>
  <?php
     $result = "":
     class calculator
       var $a;
       var $b;
       function checkopration($oprator)
          switch($oprator)
            case '+':
            return $this->a + $this->b;
            break;
            case '-':
            return $this->a - $this->b;
            break;
            case '*':
            return $this->a * $this->b;
            break;
            case '/':
            return $this->a / $this->b;
            break;
            return "Sorry No command found";
       function getresult($a, $b, $c)
          this->a = a;
          this->b = b;
```

```
return $this->checkopration($c);
     }
   }
   $cal = new calculator();
   if(isset($_POST['submit']))
     $result = $cal->getresult($_POST['n1'],$_POST['n2'],$_POST['op']);
 ?>
 <form method="post">
   <strong><?php echo $result; ?><strong>
     Enter 1st Number
       <input type="text" name="n1">
     Enter 2nd Number
       <input type="text" name="n2">
     Select Oprator
       <select name="op">
         <option value="+">+</option>
         <option value="-">-</option>
<option value="*">*</option>
         <option value="/">/</option>
       </select>
     ">
       <input type="submit" name="submit" value="
     </form>
 </body>
</html>
```

Question 2 - (Admission Form):

1) Home.html

```
<html>
 <head>
   <script src="index.js"></script>
   <title>School Admission</title>
 </head>
 <body onload="displayDate()">
   <h1>School Admissions</h1>
   <h5 id="date"></h5>
   <form onsubmit="formSubmitted()" method="post" id="admission">
     Application Number
           <input type="number" name="Application Number" id="applno">
         Name
         <input type="text" name="Name" id="name">
         Standard
           <select name="std" id="std">
             <option value="1">1st Standard</option>
             <option value="2">2nd Standard</option>
             <option value="3">3rd Standard</option>
             <option value="4">4th Standard
             <option value="5">5th Standard</option>
           </select>
         Email
           <input type="text" name="email" id="email">
         Captcha
       <input type="text" name="Captcha" id="captcha" onclick="generateCaptcha()">
         <input type="text" name="captcha-entered" id="captcha-entered">
         <button type="submit">Submit</button>
```

```
</form>
</body>
</html>
```

2) index.js:

```
var generatedCaptcha;
function generateCaptcha()
  generatedCaptcha = parseInt(Math.random()*1000000);
  var ob = document.getElementById("captcha");
  ob.value = generatedCaptcha;
  ob.readOnly = true;
  ob.onclick = null;
}
function displayDate()
  var d = new Date();
  var ob = document.getElementById("date");
  ob.innerHTML = d;
}
function formSubmitted()
  var form = document.forms["admission"];
  var name = form["name"].value;
  var applno = form["applno"].value;
  var std = form["std"].value;
  var email = form["email"].value;
  var captcha = parseInt(form["captcha-entered"].value);
  var pattern = /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,6}$/;
  if(!pattern.test(email))
     alert("Email entered is invalid.");
  else if (captcha != generatedCaptcha) {
     alert("Captcha entered is invalid.");
  }
  else
     alert("The details have been submitted.");
  event.preventDefault();
```