1. Create an HTML form containing a textfield called "Name", another textfield called "Password" and a submit button.
  Perform the following validation checkings:
  a) Name field cannot be left blank.
  b) Password must be at least six characters long.
    The validation checkings should be performed when submit button is clicked.

Coding:

```
<!DOCTYPE HTML>
<html>
      <head>
            <title>validation checkings</title>
      </head>

      <body>
      <center>
            <H1>validation checkings</H1>
            <p><input id="name" type="text" name="name" placeholder="Name"/>
            <p><input id="password" type="password" name="password"
placeholder="Password" />
            <p><input type="submit" name="submit" value="Submit"
onclick="myFunction(this)" /><br><br>
      </center>

      <script>
            function myFunction(element) {
                  var name = document.getElementById("name").value;
                  var password = document.getElementById("password").value;
                  if((name=="") || (password.length<6)){
                        alert( "Validation Failed" );
                  }
                  else{
                        alert( "Validation Passed" );
                  }
            }
      </script>
      </body>
</html>
```
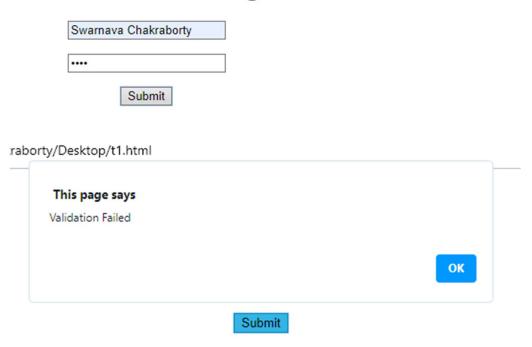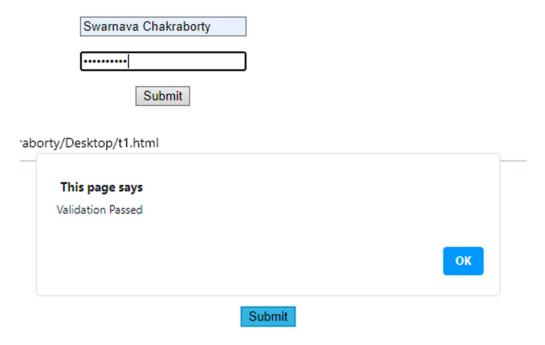
Output:

validation checkings

Swarnava Chakraborty

••••

Submit

raborty/Desktop/t1.html

This page says

Validation Failed

OK

Submit

validation checkings

Swarnava Chakraborty

••••••••••

Submit

raborty/Desktop/t1.html

This page says

Validation Passed

OK

Submit

2. Create an HTML form with a password field and a retype password field. If both the passwords are not matching then
show an alert message "passwords are not matching" otherwise display "passwords are OK". The validation checkings
should be performed when submit button is clicked.

<u>Coding:</u>

```html
<!DOCTYPE HTML>
<html>
      <head>
            <title>matching or not</title>
      </head>

      <body>
      <center>
            <H1>matching or not</H1>
            <p><input id="password" type="password" placeholder="Enter
Password"/>
            <p><input id="repassword" type="password" placeholder="Retype
Password" />
            <p><input type="submit" name="submit" value="Submit"
onclick="myFunction(this)" /><br><br>
      </center>

      <script>
            function myFunction(element) {
                  var password = document.getElementById("password").value;
                  var repassword = document.getElementById("repassword").value;
                  if(password.length>=6){
                        if(repassword==password){
                              alert( "passwords are OK" );
                        }
                        else{
                              alert( "passwords are not matching" );
                        }
                  }
                  else{
                        alert( "minimum 6 character needed" );
                  }
            }
      </script>
      </body>
</html>
```
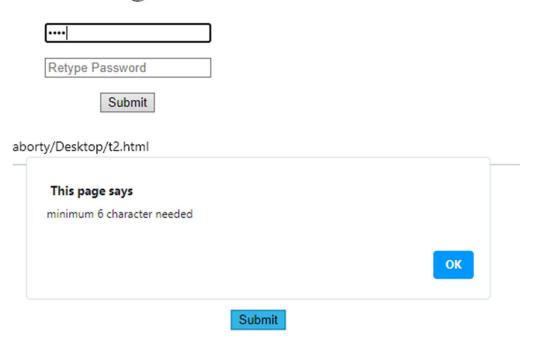
Output:

matching or not

••••

Retype Password

Submit

aborty/Desktop/t2.html

This page says

minimum 6 character needed

OK

Submit

matching or not

••••••

••••••

Submit

aborty/Desktop/t2.html

This page says

passwords are OK

OK

Submit