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<!doctype html>
<html>
<head>
<title>validation</title>
<script type="text/javascript" language="javascript">
function val()
{
var alc=0;
var balc=0;
var mbdc=0;
var nalc=0;
var i;
var dc=0;
var a1=0;
var name=document.getElementById("nm1").value;
var email=document.getElementById("em").value;
var paswd=document.getElementById("pwd").value;
var mbno=document.getElementById("mb").value;
var cpswd=document.getElementById("cpwd").value;
var atpos=email.indexOf("@");
dotpos=email.indexOf(".");
if(name.length!=0)
{
for(i=0;i<name.length;i++)
{
if((name.charCodeAt(i)>=97&&name.charCodeAt(i)<=122)||
(name.charCodeAt(i)>=65&&name.charCodeAt(i)<=90))
{nalc++;}
}
if(nalc==0)
{document.write("only alphabets are allowed in name
<br>");a1++;}
}
else if(name.length==0)
{document.write("enter valid length of name<br>");a1++;}

if(mbno.length!=0&&mbno.length==10)
{
for(i=0;i<10;i++)
{
if(mbno.charCodeAt(i)<45||mbno.charCodeAt(i)>57||
(mbno.length==0||mbno.length>10))
{document.write("enter valid phone no:<br>");a1++;}
}
}
else if(mbno.length<=10)
{document.write("enter only 10 digits<br>");a1++;}
}
}

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if(atpos<1||(dotpos<atpos+2)||(dotpos+2>=email.length))
{document.write("enter valid email<br>"); a1++;}

if(paswd.length>=5)
{
    for(i=0;i<paswd.length;i++)
    {
        if(paswd.charCodeAt(i)>=48&&paswd.charCodeAt(i)<=57)
        {
            dc++;
        }
        if(paswd.charCodeAt(i)>=97&&paswd.charCodeAt(i)<=122)
        {alc++;}
        if(paswd.charCodeAt(i)>=65&&paswd.charCodeAt(i)<=90)
        {balc++;}
    }

    if((dc==0&&paswd.length!=0)||(dc==paswd.length)||(alc==(paswd.l
    ength))||(balc==(paswd.length)))
    { document.write("<br>invalid password </br> validation for
    password is:</br>");
        document.write("enter at least one digit in password </br>");
        document.write("enter at least one upper alphabet in password
    </br>");
        document.write("enter at least one lowercase alphabet in
    password </br>");
        document.write("length of PASSWORD must be at least five and
    <30 in NAME<br>");
        document.write("</br>");
        a1++;
    }
    else if(cpswd!=paswd)
    {document.write("password and confirm password do not
    match<br>");a1++;}
    }
    else if(paswd.length<=5)
    {document.write("entre valid length of password");a1++;}
    if(a1==0)
    document.write("form submitted successfully");
}
</script>
</head>
<body>
<center>
<h2>Registration Form</h2>
<form name="f" style="align:center;border:2px solid

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black;height:300px;width:400px;"><br>
<b>Name: </b><input type="text" style="align:right;border:2px
solid black; " id="nm1"><br><br>
<b>Phone: </b><input type="text" style="align:center;border:2px
solid black; " id="mb" name="mb"><br><br>
<b>Email: </b> <input type="text" style="align:center;border:2px
solid black;" id="em" name="em"><br><br>
<b>Pasword: </b><input type="password" id="pwd"
style="align:center;border:2px solid black;"
name="pwd"><br><br>
<b>Confirm password: </b><input type="Password" id="cpwd"
style="align:center;border:2px solid black;"
name="cpwd"><br><br>
<input type="submit" name="submit" value="submit"
style="align:center;border:2px solid black;" onclick="val()">
</form>
</center>
</body>
</html>
```