

```
var a,b,c;
var info="";
function saisieFloat(mes){
    var n;
    do{
        n=parseFloat(prompt(mes));
    } while(isNaN(n));
    return parseFloat(n);
}

do{
    a=saisieFloat(unescape('Entrer le coefficient non nul du mon%F4me du second degr%E9'));
}while(a==0);

b=saisieFloat(unescape('Entrer le coefficient du mon%F4me du premier degr%E9'));
c=saisieFloat('Entrer la constante');

delta= b*b-4*a*c;
var message="";

if (delta < 0)
{
    var re = -b/(2*a);
    var im=Math.sqrt(-delta)/(2*a);
    message += "deux solutions complexes conjuguees : <br />";
    message += 'x<span class="ind">1</span> = '+re+'+ i * '+im+'<br />x<span
class="ind">2</span> = '+re+'- i * '+im;
}
else
    if (delta == 0){
        var x1 = -b/(2*a);
        message += "une solution double : "+x1+"<br />";
    }
    else {
        var x1 = (-b+Math.sqrt(delta))/(2*a);
        var x2 = (-b-Math.sqrt(delta))/(2*a);
        message += "deux solutions reelles distinctes : <br />";
        message += 'x<span class="ind">1</span> = '+x1+'<br />x<span
class="ind">2</span> = '+x2;
    }
}
document.getElementById("solution").innerHTML = message;
```