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<html>

    <head>
        <title> Exo3 </title>
        <meta charset= "utf-8"/>

    </head>
    <body>
        <h1> Exo secondegre </h1>
        <h2> </h2>
        <br/>
        <form method="post" action= "secondegre.php">
            A : <input type="text" name="a"> </br>
            B : <input type="text" name="b"> </br>
            C : <input type="text" name="c"> </br>
            <input type="reset" name="Annuler" value="Annuler">
            <input type="submit" name="Valider" value="Valider">
        </form>

    <?php
        //calcul du second degré
        if (isset($_POST["Valider"]))
        {
            $a = $_POST["a"];
            $b = $_POST["b"];
            $c = $_POST["c"];

            //test a
            if ($a != 0)
            {
                $d = ($b*$b)-(4*$a*$c);
                if ($d < 0)
                    printf("pas de racine");
                else if ($d == 0){
                    $x = - $b / 2*$a;

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        printf ("%f", $x);
    }
    else if ($d > 0){
        $x1 = (-$b - sqrt($d)) / (2*$a);
        $x2 = (-$b + sqrt($d)) / (2*$a);
        printf("%f %f", $x1, $x2);
    }
}
else if ($b != 0){
    $x = -$c / $b;
    printf ("%f", $x);
}
else if ($c != 0){
    printf("l'ensemble des solutions est vide");
}
else
{
    printf("tout nombre x est solution du resultat");
}
}
?>
</body>
</html>

```