1. How you will find roots of a quadratic equation?

. Step 1 -> The general form of a quadratic equation is and + box + c = 0.

step 2 -> The find the root $x = (-b \pm \sqrt{b^2 - \mu ac}) / 2a$ step 3 -> Finding the discriminant, $1 = b^2 - \mu ac$

Step 4 -> checking if k > 0,

noof $1 = (-b+\sqrt{k})/2a$ noof $2 = (-b-\sqrt{k})/2a$

step 5 -> checking if k = 0, root 1 = root 2 = (-b)/2a

step 6 -> checking if K < O,

noot $I = (-b + i\sqrt{K})/2a$ noot $2 = (-b - i\sqrt{K})/2a$

2. How you will display a multiplication table for number 5.

Ans. Step 1 -> Assuming 5 as the number to find the multiplication table.

Step 2 -> Assuming 10 as the end number.

Step 3 -> set a variable i=1.

Step 4 -> Print the value "5 x i = 5 i".

Step 5 -> Adding the variable i with 1.

step 6 -> countine [step 4].

step 7 -> Repeat [step 5] until i becomes

step 8 -> Repeat [step 6] till [step 7] stops.