Step 1: Take Input from wer of a 4 digit integer. Step 2: If digits are greater or less than 4, repeat step 1. Step 3: If anteger is 40 then Take input of last from User Step 4: Do the following calculation =>integer 1.10 2> integer/10 · 9f integer 7.10 = last digit then, count ++ Step 5: Repeat Step 4 until unteger 20 Step 6: Phint count. Step 7: End

Hefr 1: Take Inful from the user of 1x. y. (xxy) (xxy) Step 2. Find the 31xpe of all four co-ordinates using Hohmula 1 m = x2 - x1 Step 3: If any 3 Books of the points are same, then the points will be colinear. Step 42 Print " All lines fall on the same line and are colineer" Step 5: If lines are not colinear then "Points are not collinear". Step 5: End.

P9) Step stast 1: Take Input if nom user of the last two digits of his her rell number -Step 2: It the integer is gleater than 99 on less than 10 then repeat Step 1. Step 3: Do the following calculations 2> integer 1. 102 23 integer 12 · Repeat until quotient is 0. Step 4: Print the Binary-Step 5: Convert Binary to decimal using following & calculation " It Binaly is 101 2) (1 x 22) + (0 x 2') + (1 x 2°)-Step 6: Phint Binary to Decimal-Conversion

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