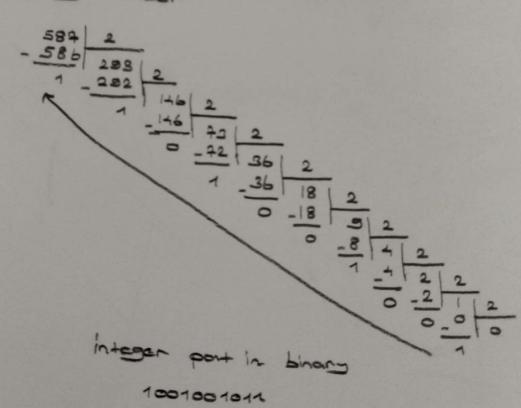
Name : 6 day 6 No: 270201072

Surname: Gilsoy

- CENG 214 ASSIGNENT - 1 -

texadecinal	3.1	
	Octa!	Binary
270.41	1113. 202	1001001011.01000001
DC12.45	156022.212	1701110000010010.010001
12A.68	152.32	100101010.011010
35.9	21.44	111001. 1001
	12A.68	248.41 1113.202 DC12.45 156022.212 12A.68 452.32

Question 1-) Conventing decimal number 587.254



Fractional Part 0.284 x2 =) 0.508 0.508 x 2 => 1.016 0.016 x 2 = > 0.032 0.032 ×2 => 0.064 0.064 x2 => 0.128 0, 128 ×2 = > 0.256 0.256 ×2 => 0.512 0 0.512 ×2 => 1.024 11 . 01000001 part after the radix point binary: 1001001011.01000001 we can convert binary Form of 587.254 into hexadecimal hexadecimal: (248.41)h covert binary form of 587.254 into Octal: (1118.202) For given hexadecimal number DC12.45

octal

conventing to 12.45 into binary number 0001 0010 4 -> 0100 5-> 0101 c -> 1100 D-> 1101 binary: 11011100000010010. 01000101 conventing binary Form of DC12.45 into decimal 1101 110000010010. Integer part 21x1+ 21x1+ 210x1+211x1+ 212x1+214x1 = 56338 for Freetland pont . 01000101 2-2×1 + 2-6×1 + 2-8×1 = 0.265 decimal: 56338.269 converting binary form of DC12.45 into octa 1 5 6 0 2 2 2 7 1 2 Octal: 156022.212 3

conventing octal number 452, 32 Into binary equivalent binary: 100101010.011010 conventing binary Form of 452.32 Into hexadecimal 000100101010. 01101000 1 2 A 6 8 hexa decimal: (12A.68) conventing bings form of 152.32 100101010. Integer port 21x1+23x1+ 25x1+28x1 = 288 · 011010 Fractional point 2-2×1 + 2 = x1 = 0.40625 decimal: 298. 40625

3 9 9

hexadecimed: (39.9) h

conventing 111001. 1001 into octal

7 1 1 1 1

octal: (71,44)

conventing 122001. 1001 late decimal

111001. Integer port

20x1 + 23x1 + 24x1 + 25x1 = 57

2-1×1+ 2-1×1 = 0.5625

57+ 0.8625 = 57.5625

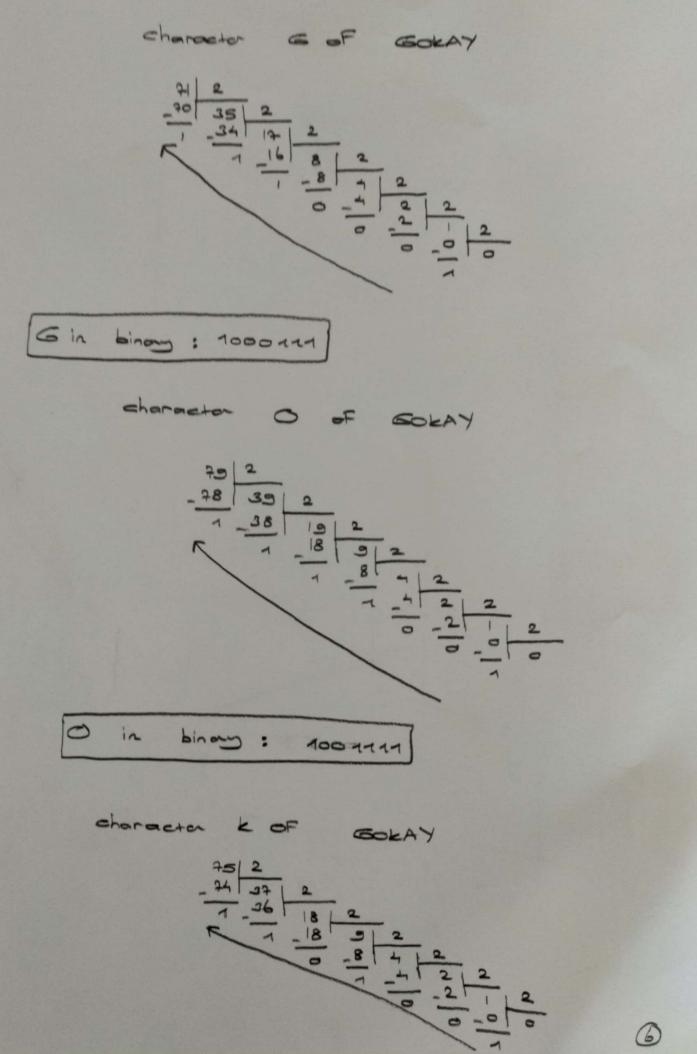
decimal: 57,5625

Questian - 2) Original name: 60 KAY

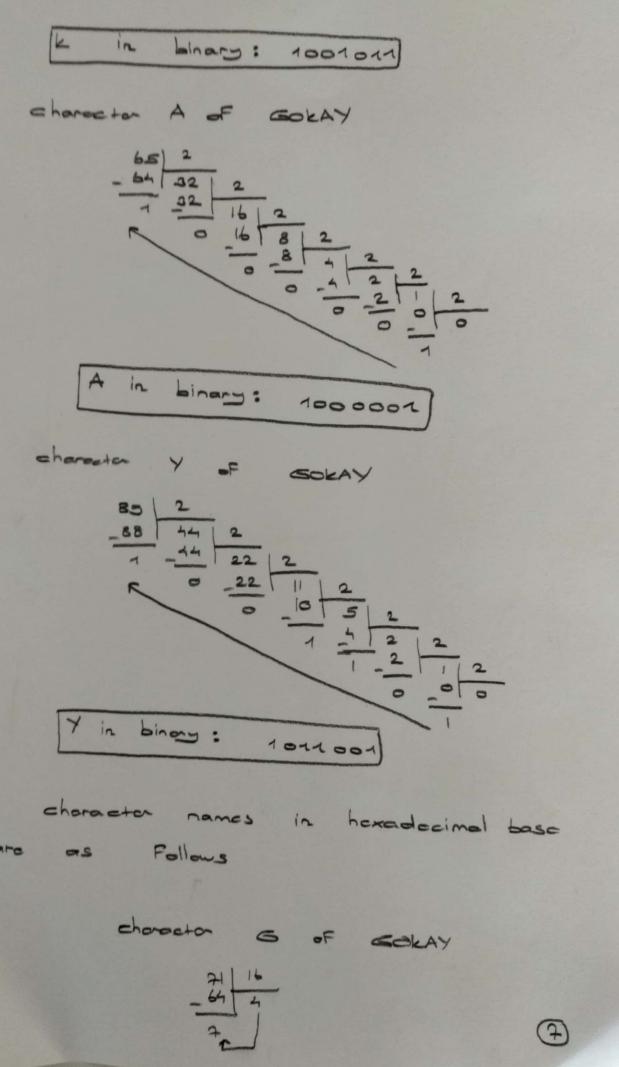
we will represent : GORAY in ASCII

name: GOKAY

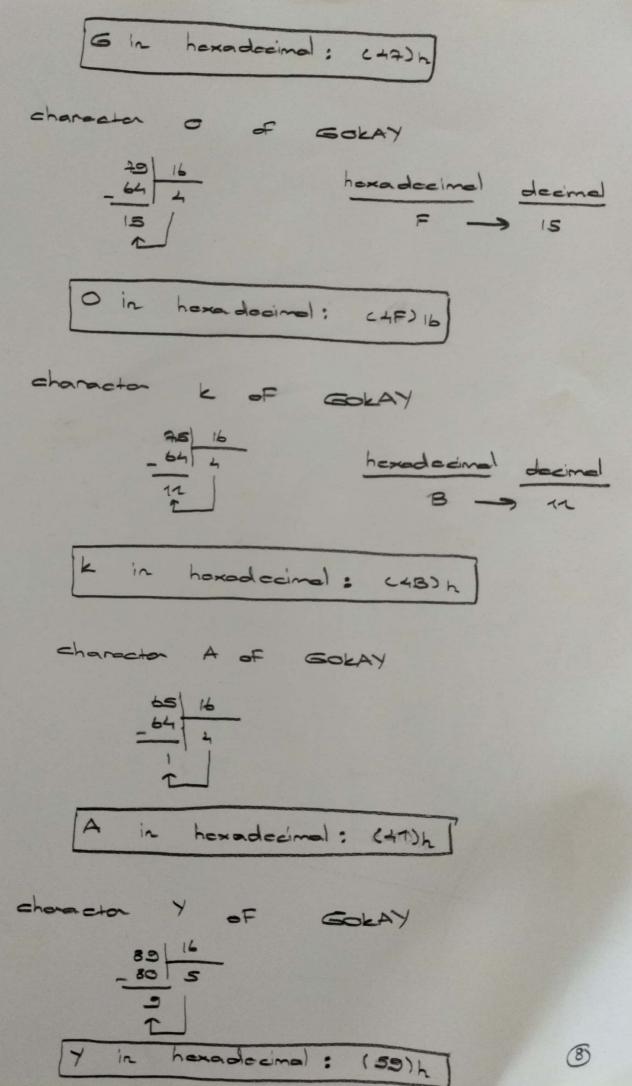
in decimal: 11 79 75 65 89



CamScanner ile tarandi



CamScanner ile tarandi



1 7 75 75 65 85 GOKAY " indecimal: +1 79 75 65 89 in binary: (10000111) (1001111) (1001011) (1000001) (1011001) Quastian 3-) Addition result: 111101010 Subtraction 11001110 11001110 Multiplication 100111 100111