```
Tugas Perkmuan 2
      Georgia Syrsandhea - 535280080
5
      1. a. aparah 17 dapat membagi habis 357 dan 1001
            -7 357 = 21.17 +0 -19 = 21
                                  r=0 =0 habis dibogi
nu
            -1 401 = 58.17+15 -7 q = 58
                                  r=15 =0 hdak habu
                               = (a+b) mod 23?
        b. a = -133 (mod 23)
           b: 261 (mod 237
           (-133 (mod 23) + 261 (mod 237) mod 23 = (-133 + 261) mod 23
:04
                                                  = 120 mod 23
                                                   = 13
                                                      /
anyo
     2. a. konversi Vilangan desimal 1025 lee
                                                     (1025710
                                           · olital:
         · biner: (10257,0
dik
                                                     1025 / 8 = 170 sisa 1
                   1025 /2 = 512 sisa 1
                                                     128/8 = 16 SISA O
                     512 /2 = 256 sisa 0
                                                     16/8 = 2 sisa 0
dit
                     256/2 : 120 SISA O
                                                       218 = 0 sisa 2
                     128/2 = 64 sisa 0
00000
                                                     = (2001)8
                     69/2 = 32 SISA O
                     32/2 = 16 Sisa 0
                                           · helisadesimal = C1025 )10
                      16/2
                            = 8 81340
                                                        1025/16 = 69 3159 1 1
                      812
                            = 4 51500
                                                         69/16 = a sisa o
                            = 2 51500
                      4/2
                                                         4/16 = 0 SISA 4
                             - 1 Sisa 0 /
                      212
                                                       = (401)16
                             = Osisal
                       1/2
                =(100000000001)2
                                         (12021) 3 dan (2112)3
       b. hasel penjumlahan dan perualian
hilee
         · penjumlahan : (12021);
                                      -7 1+2=3.1+0 R
                          (2112)3
عريم
                                           1+2+1=3.1+1
                        (21210)3
                                           1+0+1=3.0+2
                                            0+2+2 = 3.1+1
                                             1+1 = 3.0 + 2
                                                                 penjumlahan
                                            perhalian 2
                                                                2 = 8.0+2
                                          2×1 = 2 (23)
         · perkalian : (12021)3
                                                               1+1 = 8-0 +2
                                         -> 2×2 = 4 (>3)
                        (2112)3 x
                                                               1+2+1 = 3.1 +1
                                               4 = 3.1 + 1
                       21112 -
1.3
                                                                1+1+0+2+2=3.2+0
                                           2×0=0+1=1(63)
                     12021
                                                                2+2+2+1=3.2+1
                    12021
                                           2 x 2 = 4 (73)
                                                                2+1+2+1= 3.2+0
                  21112
                                                 4 = 3.1 +1
                 (101010122),
                                                                 2+1+1 = 8.1+1
                                           2x1 = 1+1 = 2(23)
                                                                   1+2- 3.1+0
                                        (perhalian 1 dibawah 3 semua
                                          Jadi kidau caya ranhumhan)
```

		Georgia Sugisandha								
3a.	apakah 107 dan 119 adalah bilangan prima									
	107 hdau bisa dibagi habis 2, 3, 5, 7, maka adalah	h k	ollai	nga	n r	מוזק	19			0
	114 bisa dibag: habis 2 dan 3, maka bulkan bilangan	, 6,	ini	9						
Ь.	GCD (129, 323 7 dalam kontinass linier									6
	323 = 2.124 +75									0
	129 = 1.75 + 49									
	75 = 1. 49 + 26									0
	49 = 1-26 +23									
	26 : 1-23+3									0
	23 = 7.3 + 2									
	3 = 1.2 + 1									
	2 = 1.1+1									
	1 = 1.1 +0									
	extended cuclidian:									
	75 = 323 - 2.124									
	49:124-1.75									
	Subshitusi:									
	49 = 129 - 1. (323 - 2.124)									100
	49 = 129 - 1-323 + 2.129									0
	= 3.124 - 1.323									
	8 = -1 . dan t = 3									0