Subject 1
$$\rightarrow$$
 Shokent 1

 $ll_1 = 6$, $ll_2 = 16$
 $X = 123554$
 $y = 7832 + 16521$
 $X = 16$
 $X = 16$

```
Subject 1 equations

STUDENT 2: LOLUTA STEPANA

S(b_1) - y(b_1) = ?(b_1)
2(33)(5)(6) - 11 + 1 + 0 + 5 - 1 = 4
12 + 13 + 1 + 2 = -1 + 2 = -1 + 2 = -1
123554(6) + 12 + 2 = -1 + 2 = -1 + 2 = -1
123554(6) + 12 + 3 + 3 = -1 + 2 = -3 + 2 = -1
14 + 13 + 3 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -3 + 2 = -
```

$$\frac{\text{it 5:-1+1-4=-4<0}}{5b=-4}$$
=) $S(b_1)$ - $y(b_1)$ = $x(b_1)$
(=) $213315(6)$ -45321(6) = $123554(6)$

$$\frac{1}{100} \cdot \frac{1}{100} \cdot \frac{1}$$

=)
$$p(b_2) \cdot f(b_2) = f(b_2)$$

(=) $A \times 0.462(16) \cdot f(b_2) = f(b_2)$

Subject 2: couversions of real numbers choosing the appropriate methods STUDENT 2 : LOLUTA STEFANA

REAL PART

$$\frac{(1.5.2)^{2}}{2(8)} = \frac{11.5.2 = 10}{10/8 = 1, 10/8 = 2}$$

$$\frac{11.5.2 = 10}{10/8 = 1, 10/8 = 2}$$

$$\frac{11.5.2 = 10}{10/8 = 1, 10/8 = 2}$$

$$15/8 = 1,15/.8=7$$
it 3: 1+2=3
 $3/8 = 0,3/.8=3$

$$\frac{1}{3} = \frac{1}{3} = \frac{1}{3} + \frac{1}{3} = \frac{1}$$

$$\frac{172:0+3\cdot3=9}{9/8=1.9/8=1.}$$

$$C: {}^{3}5(8)* \qquad \underline{H_{1}}: 5.5=25$$

$$5(8) \qquad 25 \text{ div } 8=3,25 \text{ mod } 8=1$$

$$3.1(8)$$

C:
$$\frac{131(8)*}{500}$$
 $\frac{11.1.5=5}{500}$ $\frac{5(8)}{175(8)}$ $\frac{11.1.5=5}{5000}$ $\frac{5}{11.1.5=5}$ $\frac{175(8)}{15000}$ $\frac{11.1.5=5}{150000}$ $\frac{11.1.5=5}{1500000}$

$$C: \frac{175(8)}{175(8)} + \frac{11}{11:5.5} = 25$$

$$\frac{5(8)}{1161(8)} = \frac{1}{1161(8)} = \frac{1}{1161(8)}$$

1 01314(8) 5(8) 1 1/3 01050

it1:3(8)=3

H3:4(8)=4

4/5=0,4/.5=4

3/5=0,3/.5=3

1+2: 31(8)=348+1=25

15/5=5,25/.5=0

$$\begin{array}{c|c}
2(8) + 5^{2}(8) = \boxed{0,050} \\
2,00(8) \boxed{5(8)} & \boxed{0,314(8)} \\
20, & \boxed{31} \\
70, & \boxed{31} \\
\hline
30, & \boxed{11:3(8)}
\end{array}$$

FRACTIONAL PART

$$\frac{1,00(8)|5(8)}{10,146}$$

$$\frac{10}{10}$$

$$\frac{39}{40}$$

$$\frac{11:10(8)=148=8}{8/5=1,8/.5=3}$$

$$\frac{11:10(8)=148=8}{11:10(8)=24}$$

$$\frac{11:10(8)=148=8}{24[5=1,24].5=4}$$

$$\frac{11:10(8)=148=8}{11:10(8)=32}$$

32/5=6,32/.5=2

$$1+1:2(8)=2$$

 $2/5=0,2/.5=2$
 $1+2:24(8)=16+4=20$
 $1+2:24(8)=16+4=20$

$$12312,321(5) = 1(8) * 5^{1}(8) + 2(8) * 5^{3}(8) + 3(8) * 5^{2}(8) + 1(8) * 5(8) + 1(8) * 5(8) + 1(8) * 5(8) + 1(8) * 5^{-3}(8) = 1675(8) + 0,537(8) = 1675,537(8) = 1675(8) + 0,537(8) = 1675,537(8) = 1675(8) + 0,537(8) = 1675,537(8) = 1675(8) + 0,537(8) = 1675,537(8) = 1675(8) + 0,537(8) = 1675,537(8) = 1675(8) + 0,537(8) = 1675,537(8) = 1675(8) + 0,537(8) = 167$$

C:
$$\frac{0100}{1161+}$$
 C: $\frac{1553+}{1666}$ C: $\frac{1666}{2}$ + $\frac{372}{1553}$ $\frac{113}{1666}$ $\frac{1675}{1675}$ $\frac{0100}{01050}$ $\frac{01004}{01537}$ $\frac{01050}{01537}$

```
· 0,537(8) = 0,320(5)
 35/8= 4, 35%8= 3
 (3, 333
 it 2: 4+3.5=19
    19/8=2, 19/8=3
 it 3: 2+5.5=27
    27/8=3, 27%8=3
          it1: 0-3.5=15
   2 2 1 0
  2) 107
               15/8=1, 15%8=7
 ita: 1+ 3.5= 16
 16/8=2, 16/08=0
 it3: 2+3.5=14
 17/8=2, 17/08=1.
   0,107(8) 4 41:0+7.5=35
 C: 0 0 4 0
            35/8= 4, 35%8=3
 5(8)
 ita: h+ 0-5= h
  418=0, 4708=4.
i+3: 0+1.5=5.
  518=0, 5:08=5
=) 0,537(8) = 0,320(5)
=) 1675,537(8)=|12312,320(5)|
```

```
LASTLO DENISA
 Subject 3 -) Option 3: fixed-point representation of rual nr.
 Student 1
X = 12345, 67
· 12345 = 8192+ h 096+32+16+8+1 =
  = 1 \times 2^{13} + 1 \times 2^{12} + 1 \times 2^{5} + 1 \times 2^{6} + 1 \times 2^{6} + 1 \times 2^{6} = >
=) 12345 = 11000000111001(2)
· 0, 67 = 0, 52702 43(8) = 0, 101 010 111 000 010 100 011
 0,67 * 8 = 5,36
 0, 36 × 8 = 2, 88
 0,88 * 8 = 7,04
 0,04 * 8 = 0,32
 0,32 * 8 = 2,56
 0,56 *8 = 4,48
 0,48 + 8 = 3,84
5
     J= 13
                                F= 16
3 0 3 9 1 8
 12345, 67 = 11000000 111001, 101010 111000010 100011 (2)
```

Subject 3: responsibilities

Option 3

STUDENT 2: LOLUTA STETANA H(16) = 3039, AB85 $TIXED-POINT-NOTATION: <math>|=15, \mp=16$. 0.011|0000|0011|1001|1010|1000|0101 0.011|0000|0011|1001|1010|1000|0101 $0.011|0000|0011|001=1.2^0+1.2^3+1.2^4+1.7^2+1.2^1+1.$

$$3:8=0,375$$
 $4,37:8=0,54$
 $2,154:8=0,31$
 $0,31:8=0,03$
 $7,03:8=0,8$
 $2,8:8=0,35$
 $5,35:8=0,66$

=) |12345,66|