## Университет ИТМО Факультет ФПИ и КТ Р3111

## ЗАДАНИЕ 4 УМНОЖЕНИЕ ЦЕЛЫХ ЧИСЕЛ

Вариант 34

A:52 B:61

Студен:

Ляо Ихун

Гр.Р3111

Предподаватель:

Поляков Владимир Иванович

E+AInp=0.110100 E+BInp=0.44+01E-AIgon=1.00/100 E-BIgon=1.000011

No wara	Операнды и действия	CUTI comanuue	MHOMUMEND U CYTT CMNAGUNE pazpaga	Toacherus
0	CUTT	0000000	011110	odhynetue cmonulac naznagob cun
	[A]gon CUIT CUIT	1001100		Caomenue CIII C mnomumum Moguquyujuba- -nnu cbur CUII u mnomu- -mean bnjiabo
2	CUIT	1110011	0001110	Moguquuyolu- - Huni Cbur CUTT u nuom -umeng bynubo

3	[A]gon	1001100		Chomerue CUTI C MOMU-
	cull	0111111	00 01111	MoguquuynobaHHmi Gbuz
	$\overline{cull}$	1011111	100011	CUTT u monumena Enpalo
4	IAJgon	1001100		Chomenue CUII C WHOMU-
6	culls	0101011	1000111	Moguquyupdonuni ogbur
	CUTT	1010101	110001	CUT U MHOMUMEUS ENPUBO
5	IAJgon	1001100	-1- (1)	Cromence CUII C MHOME
	CUTT	0100001	1100/01	Moguaryuyyybarybu cabur
	CUTT	10/0000	1110000	Mogugrunyrobanneri cybur CUII u mnomumena ennulo
6	IAJgon	1001100		CNOMERUE CUTTC MHOMU-
	CUTT	0011100	1110001	-MOM
	CUIT	1001110	0111000	Moguopuunpo bannari cgbur. CUTT u mnomumena byrubo
7	CUTT	1100111	0011100	Mogunuyulin barumi caku
	0 011			CUIT U MHOMUMBUS ENJOBO
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Monymenthan pezynamam ompulsamenen u mpegamabaen b gonannumenbham 4009e:

[C]gon=[A]gon x [B]m = C1.10011100111002 Dia mabenia mabunthocmi nezyubmama ngnebegan en 8 manoù xeq: [C]m = 1].01100011001002 = -3172 6)A70,B20

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1	EAT nyn	0110100		Chometue CVII C
	CUTT	0110100	1000011	MHOMUMBIAN
	cuit	0011010	010000	Cybur CUTT u MHOMUMENS EMPRED
2	TAInn	0110100	0.1	Chometue CUTT C
	CUIT	100/110		MHOMUMBLM
	cuit	0100111	00/1000	-mena Empato
3	cuit	0010011	100/1000	Cybur CUTT U MHOMU-
	7			-mara bypalo
4	CUTT	000/001	1100/1010	Cabur CUIT u MHOMU- -mens 6 mabo
5	cuii	0000100	11100/10	Cybur CUTT u muomu- -mena bynobo
6	CUT	0000010	011100	Cabu CUTT y women- -mena bypako
7	Z.A.Inn	0110100		Chometive CUTTC
	CUTT	0110110	0111001	MIOMUNDIN
	cail	0011011	0011100	Cybur CUTT u auronu-
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TC	Jan = [	10110001101	0/00/2 = t3	1/2/10
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			1000011	Doty Metuc Congrueto
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1	citi	1001100	1000011	-cpu y no barribai.
	CUII	1100110	0/10000	Cabul CUII U MHOMUMERS ENJOYO
2	[A]gm	100/100		Cromenue CUTIC
	CUII	0110010	0/0000/	Mobarnon Maguguyu
	CVII	1011001		Se Cabul Cull u
	UVII			MADMINNERS SMICHO

3		CUTT	1101100	100/1000	Moguquyunobaruni Gbur CLCUII u EMHOMMMUG bnpab
4	L (	CUTT	1110110	0100/100	Mogurpuyunobannini ogbur CUII u muto- -mumeng Enpaler
	7	CUII	1111011	00/00/10	Moguquyuyukarunbus Cybur CYTI U MHO- -MUMEUS bnjalo
	6	CUII	1111101	100/00	Mogugnyun oban Herit Cabur Cutt u mony -neug Ennoles
	7	EAJgon CUII	100100	100/00/	Chomenie CUII C myonu- Man Mogrephyu prehimini Cybur CUII U mnomu -mara Enpabo
	8	EAJny	oblino olloloo	1:100100	Koppergus pezynomome.' Cromerus compunist parlague CUTT c gar un comunicor

Mongrether resultanem nonmuneral u npegemodret & manomuneral u npegemodret & manomuneral u npegemodret & ICJm= TAJgon xt BJnog-gon= [0.0][000][000]?

= 3172

4.2 JUHOMEHUR & gonon Humenbylaz mogaze dez moppetylu [+A]mn=0.110100 [+B]mn=0.111101 I-AJgon=1.00/100 I-BJgon=1.0000/1
a) oda onte one nagra haronuma e rue (A70, 1370) 0 CYTT 0000000 0111100 OSHYVEHUR CMOMUNIX Mraguni paznag pokent: 1001100 [-A]gon Commence internumble Ollllol CUTT 1001100 us cutt. Cabus cui 0011110 1100110 CUTT u monumera Enjure 0110100 2 [A]nn MINU CABULE MAQUILI 00/11/10 pagnag muomumens 0011010 CUII uzmetanca c'à Hal: 00011111 0001101 CUTT Chomenue CYTI C MUOMUMBAM. Casa CUII u mnomuners byrobs Thu offure Moguni I-A]9011 1001100 1037199 MHOMUMENS 10/100/ 0001111 CU11 When and CO Hal!
Burumane
Growens Lift 100011 1101100 CUIT MHOMUMBIO UZ [4/1 Cabul Cutt u musmumana bypoles

Γ	21	7		-1.0	1= 0
	4	CUTT	11/01/0	0/00/0/[[]	Thu cabuse magmun naspag re uzwel-1916
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	6	CUTT	1111101	100/00/0	Cabur CUII и мно- - жителя выравь
	7	1 / 1	0/10/00	1 - 0 0	Thu cabue macquais
		CUII	olloool	100/000	nogpag BMEHGALA
		(247)	0011000	1100/00	CUT C MHOMEMAN
					Momumers Ennuls

Tonymethour nezynomam nonomument u megamobnet & manan noge:

[C]m= [Am [0.0][000][00][00]=[347 [3]72)10

STOCIA ORGANGO OMPHUAMAINME CA<0, 1320) CUTT 0000000 10000 [[] Odrynerice computus
pospages cutt [-A]nn 0110/00 Maguin posses monu -meila paber 1: berrumanne 1000011 0110100 CUII Mominiono US COUI 0/10000 0011010 Goul ("U" u minimus 6 Malo CUTT Thu Excepture maguin 00/1000 000/10/ 103/199 MHOMUMAIS HE iznenarca, Cabuz CUTI LI MHOMUMEUS 100/100 Maguun perpag momu-[A]gon -mens usineHanca c 1 1011001 0000/00 CUII Ha O. Gromenie CA 100/1000 CUTT CUII C MUDAMMEM 1101100 Cabul Como Co. 4 CUTT 0/00/106 1110110 Cybur CUII U MHOMUMENS INNOGO 5 CUTT 1111011 00/00/10 Lybul CUTT U MUOMUMEUS ENPUGO 6 cuit 1111101 100100[1] CABUR CUTT U MHOMUMANA GAMES

7 [-A]nn 0 [10]00 | Maguni pazpag mnomumus

CUI 0 [1000] 100 [00] Burumanue mnomum ro

CUI 00 [100] 1 [100 [00] 13 CUIT.

Gen Enpues

Полученный результат положителен и представлен Е прамом моде! [ С] т = [A]gan × ТВ] gon = [0.0]10001100/092 = [3/72]/16 4.1 Et AJm=0.110100 E+BJm=0.111101 E-AJgon=1.001100 E-BJgon=1.000011 A70, B>0

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0	C471	000000	OIIIIOD	OSHYMEHIE CMOMUNIC noznagus CUTI
1	[A]nn	0110100		Hogy Cromence CUTT
	CUII	0110100	0111101	Mogunyu/mbanhhu
	cust	0011010	00 11110	cybul cress u mo-
2	Cuil	0001101	00/01111	Cybur CYTT u MIO- -murraig byposo
3	[A]m	0110100		Chomenue CUTT
	cull	1000001	000   11	C MHOMU MMAN Moqueguyunobartylan
	cuil	0100000	10001111	Cober CUTT re mus- -mumera Enporto
4	EA Jup	0110100		CNOMENUE CUTT
	cutt	10/0100	100/0111	Moguchunangennan
	CUTT	0101010	01000111	-mumeus Ennues
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5		/	0110100	0/000/1	montunara somo
6		EAInh CUTT CUTT	0110100	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MHOMUMENS brylaso
	7	cuil	0011000	1100100	Cabur CUTT-11 MUMUMANA EMPLO

Tony Terribus peryubmam nonomumeren u mpregementer b mpanan more: C.7m = C.A.7g an XEB.7g an  $= [0.0110001100100]_2$   $= [3172]_{10}$ 

4.2 ItAInp=0.110100 ItBInp=0.11110/ I-AIgon-1.001100 I-B7gon=1.000011 B) QA70, B20

/		V .		1	
0		CUTT	0000000	[0000]	Doryverue amonaux naznagub cutt
1		CATTON CUTT	1001100	100001	ENOMETHIC M. BENTUMONINE MUOMUMORO US CUTT CGBUR CUTT U MINOMINERS EMPARO
2	2	CUIT	1110011	00/10000	Cabur CUTT U Muonume
	2	EAINP CUIT	0100100		-meis enpalo
	4	Tull	000/00/	1/00/1010	Cabur CUTT U MUIO- mumeus senporto
	5	cuil	0000/00	11100/16	Cossur CUT u mur-

6	CUIT	0000010	01110010	CABUR CYTT U MHOMUMENA Enpulo
7	EAJgon CUTT TUTT	1001100	0111001	Berumanue us CUTI U MOMENTALA SMILLE

Полученный результам этлизотельный и тредсильней в допольшень нем жоде: ZCJgm = [1. [00][100][100] [CJm] = [0.0[1000][000][0]

42 9A0, B70

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		či.			paspagel cutt
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6	CUIT	0000010	01110010	Cabur CYTT U MYOMMMAG BARAGO
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Pezyntmam omnuyamanet a pannegamorhaet &

gonon numerbrow xoge:

ECJgon = EAJroy GAJgon XEBJmpa

= (1. |00||100||100|00)2

ECJmp = (1.0||000||00|00)2

= (3172)10