Ternary = $\frac{2}{2}$

if (Isue/foure)

f. else f

tifdi

 $\underline{a} = 10$ 1 $\underline{b} = 20$ = large = $\underline{0}$

of Carby {
large = a }

large = b

large = a > b 2 a : b

Day 14 Page 1

large = a > b 2 a : b smal= 0. if cakbof han training

LMS

haci

Doun-Reg manuary (3)

$$(\hat{\mathcal{D}})$$



814

4

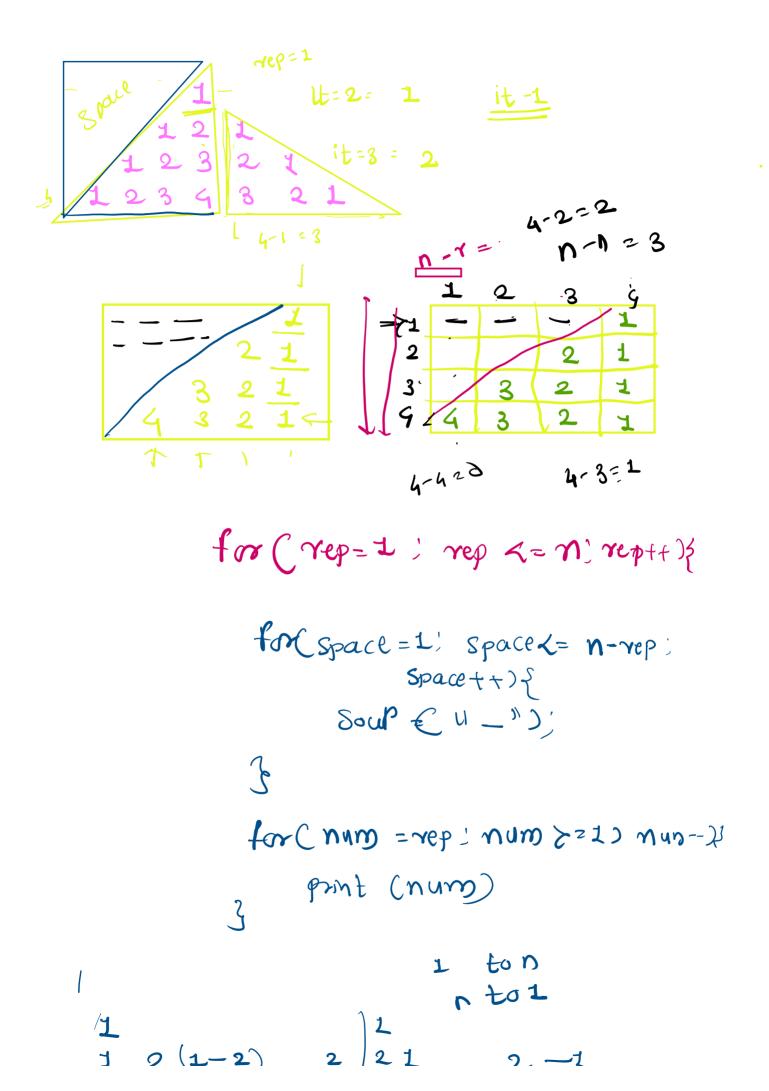
30%

$$a = 10$$
, $b = 20$
 $resut = 0$
if $ca < b$) s

result = a; suse s

3 result = b)

result = a < 6? a ! b



Day 14 Page 4

num=1,

num = it

problem

print Alphabates

 $(A-2) \qquad (a-2)$

(2-A) (2-a)

1 - 9 _9

For (i=1) 1<=9/1+1){

ASCII TABLE

Decima	l Hex		Decimal			Decimal			Decimal		Char
0	0	[NULL]	32	20	[SPACE]	64	40	@	96	60	
1	1	[START OF HEADING]	33	21	1	65	41	A	97	61	a
2	2	[START OF TEXT]	34	22		66	42	В	98	62	b
3	3	(END OF TEXT)	35	23	#	67	43	С	99	63	c
4	4	[END OF TRANSMISSION]	36	24	\$	68	44	D _	100	64	d
5	5	[ENQUIRY]	37	25	%	69	45	E	101	65	e
6	6	[ACKNOWLEDGE]	38	26	δε.	70	46	P P	102	66	f
7	7	(BELL)	39	27		71	47	G	103	67	g
В	8	[BACKSPACE]	40	28	(72	48	н	104	68	h
9	9	[HORIZONTAL TAB]	41	29)	73	49	- 1	105	69	- i
10	Α	[LINE FEED]	42	2A	*	74	4A	1	106	6A	i
11	В	[VERTICAL TAB]	43	2B	+	75	4B	K	107	6B	k
12	С	[FORM FEED]	44	2C		76	4C	L	108	6C	1
13	D	[CARRIAGE RETURN]	45	2D	1	77	4D	M	109	6D	m
14	E	[SHIFT OUT]	46	2E		78	4E	N	110	6E	n
15	F	[SHIFT IN]	47	2F	1	79	4F	0	111	6F	0
16	10	[DATA LINK ESCAPE]	48	30	0	80	50	P	112	70	p
17	11	[DEVICE CONTROL 1]	49	31	1	81	51	Q	113	71	q
18	12	IDEVICE CONTROL 21	50	32	2	82	52	R	114	72	r r
19	13	[DEVICE CONTROL 3]	51	33	3	83	53	S	115	73	s
20	14	[DEVICE CONTROL 4]	52	34	4	84	54	T	116	74	t
21	15	[NEGATIVE ACKNOWLEDGE]	53	35	5	85	55	U	117	75	u
22	16	[SYNCHRONOUS IDLE]	54	36	6	86	56	v	118	76	v
23	17	[END OF TRANS. BLOCK]	55	37	7	87	57	w	119	77	w
24	18	[CANCEL]	56	38	8	88	58	X	120	78	x
25	19	[END OF MEDIUM]	57	39	9	89	59	Y	121	79	V
26	1A	[SUBSTITUTE]	58	3A		90	5A	z	122	7A	ž
27	1B	[ESCAPE]	59	3B		91	5B	T .	123	7B	- (
28	1C	IFILE SEPARATORI	60	3C	<	92	5C	١.	124	7C	- É
29	1D	[GROUP SEPARATOR]	61	3D	=	93	5D	1	125	7D)
30	1E	[RECORD SEPARATOR]	62	3E	>	94	5E	^	126	7E	~
31	1F	IUNIT SEPARATORI	63	3F	?	95	5F		127	7F	[DEL]

3) A B C
$$* * * * 1 23$$
B C D = $* * * * = 2 34$
C D E $* * * * = 2 34$

A B C
$$\Rightarrow 1 = A = 65 = 65 + 1 - 1$$
B C D $\Rightarrow 2 = B = 66 = 67 + 2 - 1$
C D E $\Rightarrow 3 = C = 67 = 65 + 3 - 1$

$$1^{3}A$$
 $B \in A = 65$
 $A+1-1=A$
 $A+2-1=B$
 $C \cap C = 67$
 $A+3-1=C$

Approach 2

Approach 3

```
public class AlphaRectangle {
    new *
public static void main(String[] args) {
    int n = 5;
    for(int it = 1; it <= n; it++){
        int x = it + n;
        for(int num = it; num <= x; num++){
            System.out.print((char)('A' + num - 1) + " ");
        }
        System.out.println();
    }
}</pre>
```

```
'A'+0, 'A'+1 'A'+2

"A'+1, "A'+2 "A'+3

"A'+2, 'A'+3 'A'+9
```

A' + 2, 'A' + 3 'A' + 4 \Rightarrow A B C \Rightarrow 2 \Rightarrow 1 \Rightarrow 3 \Rightarrow 3 \Rightarrow 4 \Rightarrow 4 \Rightarrow 4 \Rightarrow 5 \Rightarrow 6 \Rightarrow 6 \Rightarrow 6 \Rightarrow 6 \Rightarrow 6 \Rightarrow 7 \Rightarrow 7 \Rightarrow 8 \Rightarrow 7 \Rightarrow 8 \Rightarrow 9 \Rightarrow 9 \Rightarrow 9 \Rightarrow 9 \Rightarrow 1 \Rightarrow 9 \Rightarrow 1 \Rightarrow 9 \Rightarrow 1 \Rightarrow 2 \Rightarrow 1 \Rightarrow 2 \Rightarrow 3 \Rightarrow 1 \Rightarrow 1 \Rightarrow 2 \Rightarrow 3 \Rightarrow 1 \Rightarrow 1 \Rightarrow 5 \Rightarrow 4 \Rightarrow 1 \Rightarrow 5 \Rightarrow 4 \Rightarrow 1 \Rightarrow 6 \Rightarrow 6 \Rightarrow 6 \Rightarrow 1 \Rightarrow 1 \Rightarrow 6 \Rightarrow 1 \Rightarrow 1