17253046 - Hasan TE2CAN

$$\frac{1}{2} \frac{101}{2} \frac{1100}{2}$$

$$\frac{1}{2} \frac{100}{2} \frac{1100}{2} - \frac{3}{2} \frac{1}{2} = \frac{3}{2} \frac{1}{2}$$

$$\frac{1}{\sqrt{\frac{00}{2^{10}}}} = \frac{1011}{2^{10}}$$

$$= \frac{2+(-4)=-2}{2^{10}} = \frac{2}{\sqrt{\frac{2}{2}}} = \frac{2}{\sqrt{\frac{4}{5}}} = \frac{1}{\sqrt{\frac{4}{5}}} = \frac{1}{\sqrt{\frac{4}}} = \frac{1$$

J111,911

$$0.011.1101$$

$$0.01101$$

$$0.01101$$

$$1 + \frac{1}{8} + \frac{1}{3} = \frac{13}{32}$$

$$\frac{1}{248101}$$

$$\frac{A}{32}$$
 $\frac{18}{32}$ $\frac{13}{32}$

p seudocode =

> bitir.

6) a) 00101 + 01000 01101

tarma yok

b) 11111 + 00001 1 00000

tarma yole

Later (-) old.

icin boyndeki

biri yok soyarız.

(a) 01111 (b) 400000 (c) 100000

tarma var

(+) ile (+) nin

toplem (-) sma2//

tarma yok

e) 11111 + 11111 11110

tarmayok

4) 00111 +01000 10011

> tarma var (+1 ile (+) no toplomi (-) olman

7)

0) 011111

16+8+4+2+1=31

31+(-32)=-1

6) 100110

4+2=6/

c) 1110000 izizizizi

16+8=24/

d) 000101

2+1-3

3+(-32)=-27/

e) 010101

16+4+1=21

21+(-32)=-13

49 7 00

Fetch PC=30 Ro = 03

①
$$12 = 2003$$
 $PC = 32$
 $Ro = 03$

2)
$$12 = 2101$$
 PC= 34
 $21 = 01$

$$3) 12 = 2200 PC = 36$$

$$2 = 00$$

9)
$$1R = 2310$$
 $PC = 38$
 $R3 = 10$

8)
$$1R = 5331$$
 $R = 40$

$$R_3 = R_3 + R_1$$

$$R_3 = 11$$

$$10 + 01$$

(11)
$$1R = B2 L18$$
 $PC = L16$
 $2z + R0 \rightarrow devanet$
 $2z = 01$, $2z = 03$

(12)
$$18 = 8038$$
 ($20 = 389$)
 $20 = 80$
 $20 = 80$
 $20 = 80$
 $20 = 80$

$$\begin{array}{c} (3) & 18 = 1401 & PC = 3A \\ R4 = 01 & R4 = 01 \end{array}$$

$$(15)$$
 12 = 5221 PC = 3E
 $21 = 12 + 21$
 $21 = 32$
 $31 + 31$
 $21 = 32$

(16)
$$1R = 5331$$
 $PC = 40$
 $R_3 = 83 + R1$ $R_3 = 12$
 $11 + 01$

23)
$$1R = 5221$$
 $PC = 3E$

$$21 = 12 + R1 \qquad 22 = 3$$

$$21 + 21$$

24)
$$1R = 7331$$
 $PC = 40$
 $25 = 13 + 21$
 $12 = 01$ $23 = 13$ /

$$(27)$$
 $1R = 73248$ $PC = 48$
 $02 = 20$
 $03 = 03$