a   with a customised off-the-shelf package will most likly
save a company time and its all done. the only problem
is that it may not be compatible with current software
and that it may have functions or things that aren't
needed and there may be thinks that the company needs
   also you'll be unable to change it.
and the program doesn't haven while with a custom
made one, may end up being more expensive and
may take longer to make it it will be garenteed to
                   the
be compatible with current system and will have
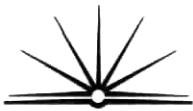   changed
everthing you want and can be at any time.

B) Hardware and sofware developments that have made
it possible is the internet. information is easily passed
around and also becouse many people have access to it.

II) The issues that the project manager would have
would be that he would have to have a perminat
group that will always work on it Because there
may not be much outside help or not enough of it

C

I) Add is being used as an accumulator

0000	0	0110	5	1011		A
0001	1	0111	6	1100		b
0010	2	1000	7	1101		c
0100	3	1001	8	1110		d
0101	4	1010	9	1111		e

$$A1 = 1011,0001 \quad (177)$$

$$A \qquad 1$$

III

Reg 1 = 0100000 (32)

Reg 2 = 1011001 (177)

Reg 3 = 0 0100000 (32)

$$\underline{1011 0001 \quad (177)}$$

$$1 1010001 \quad (209)$$

∴ Reg = 209

IV

load (Reg 1, mem 5)

multiply ~~mem 6, 3~~ (mem 7, mem 5, 3)

store
~~step~~ (Reg 1, mem 5)

store (mem 7)

stop.

load (Reg 1, mem 5)

multiply ~~mem 6, 3~~ (mem 7, mem 5, 3)

store
~~step~~ (Reg 1, mem 5)