

a) cots purkage works has been extensively Lested (commercial product) und is well documented. A 1073 parkage has lots of help available for the end user is such to develop their product. If a custom-designed solution is produced, the solution may contain errors be hard to user, and no support will be provided on the other hand, a customdesigned purkage man be reeded since The COTS parkage may not be uble to do what the company requires. Therefore a unstomised solution is needed.

I hernet - the waitability and connectability

I the Internet has provided a gateway for

millions of users to internet. Faster internet

connections (such as broadband) has ensured

that more tasks can be completed

for efficiently and effectively. The

production of her operating environments



such as Windows XP has enabled users with minimal knowledge to interact cossier within a computing environment. Also more features have been provided for expert users. The development of friendlier programing languages with broughiral user interfaces has ensured that more users Can program in a programing language an example BASIC to VISUAL BASIC or C to Visual C+T. Management of the consent code. Since anyone from around the world could contribute the collaboration of Il the code into the final program could be hectic. There could be thousands of contributions, and how would each piece of code be connected with The nest of the program. Also, the type ode unt be categorised otherwise



code man be forgotten or lost or even
left out. Management would also have to
keep track of the contributors so that
their efforts are recognised in the final
product.
c)
i) Reg n
$Al_{g} = gl$ $Al_{g} = gl$
3 5 New b = Mem 5 + Mem 7
= 30 + F8
This is because of the lines of code
executed in the program defined
in the question
STORE (Reg 3, Memb)
Demt - Person
Regardhent Memb = Reg3
Memb = Reg3



111) Rey 3 = Rey Men 5 + Mem 6
= 30 + F8
= 91 + 141
= 232
I arrived by this by converting hexadeciment
iv) Murily (man Regn, Regm, 3)
LOAD (Rey 1, Mem 5)
LOAD (Reg 2, Mem 5)
ADD (Reg 3, Reg 1, Reg 2)
STORE (Reg 3, Mem 7)
LOAD (peg \$1, Mem 7)
LOAD (Reg2, Mem 5)
ADD (Reg 3, Reg 1, Reg 2)
ADD (Reg 3, Reg 1, Reg 2) STORE (Reg 3, Mem 7)
STOP