

external to the companies employees, for a limited time, or until a test is complete. It has advantages for the company of no long-term employees, but can set complicated if problems arise, and the people who did the task are no longer in business.

The foremost is the feed that the adsourcing company is creating software that affects frances, on a secure retwork. The office of the team creating the software must be considered - they man leave a backdoor or hole in the retwork which they can then access from advice the internal redwork. The adsourced team must also endeavour to wake the natural secure, as peoples mones is the on the database. Finally, the decision to outsource may affect more in the large bank, with amployees growing resentful towards the program.



22aliil (cond d)
iii) During the software development, a number of different
testing stages met be appear daken to ensure
reliability. Peer and desh checking of the source code
should be employed. Once compiled, test data using
experted and returned values should be used to ensure
the logic of the progrem is correct, and any errors
corrected. Once there stages have been completed,
alphe, and then between desting can be undertaken.
Alpha testing will allow the developers to quickly identify
any problems with reliability, by medicking people enter
'real' or 'line' test data. Bete testing can also he used
but this line without the developers actually metalist the
progrem being run, and ey problems can be found and fixed;
These testing steger will ensure reliability.
b): 1 of - parameters that are passed hetween
modules of a system sle crow
indicating which direction they are
9017



b)il routid
7 - condol parameters, often flags. These
poreneters control the system, but are not
persed throughout each module. The arrow
indicates where they are going
ii) (ustoner Number 20.
ii) (ustoner Number 20. Ste eystoner number in chapt o
line 9 WHILE NOT Cardla Sbf
This error will cause no cords to be read, as even
when Cardinslot = TRUE, the pre-test of Not
Cordinsial will not recognize the change from fabre to
tive
line9 should read
WHILE CONINSIST = FALSE

` _	
BOAR	D OF STUDIES
i	ii) BECIN Actept And Validate Password (Stored Password, Validate
	ii) BEGIN Actept And Validate Password (Stored Password, Validate) User Pass = ""
	Fg:1=0
	to the state of th
	Input "Enter Password" User Pass
	1F User Pass = Stored Possenord
	THEN PRINT "Correct"
	Validated = TRUE
	FLSE
	User Pass < > Some Passion
	Fail & Fail +1
	REPEAT
	Ingest "Enter Ressyord"; User Pass
	IF User Pass & stored Password
	Mext Bookles!
	· ·



BOARD OF STEDIES NEW SOUTH WALEL
in) BEGIN Accept And Vilidate Pessward (Stored Persward, Vilidated)
Velidated-False
User Perse ""
Fail: 0
WHILE Validated = FalsE
REPEAT
Input "Enter Password"; Vser Pass
IF User Pass: Sound Passinoru
THEN PRINT "Correct"
Validated = TRUE
Else Fail: Fail +1
Else Fail = Fail +1 PRINT "TRV AGAIN"
UNTIL FEIL = 3
ENOWHILE
IF Fail =)
THEN PRINT "ATM how shreddled your cord"
ENDIF
RETURN VALidate
END Decept And Volidate Password.

- clecks, flags, studs

- test date

- implementation