

a)i) Ostsourcing is the contract (or hine) employment of external staff, to perform certain tasks. There staff are not parment. (1) The implications of oxisorcing on software one that the bank may some money, as the ostourised staff are paid only to make the software, and this do not have permonent employment. However, this means that should the bank require maintenance on the software, they may have to hire a different company Istaff, which do not have previous provided of the system. Also because due to the nature of the banks retrivit, security flows may be known by the outsoursed staff - this being dangerous because they will have muchless lightly than full time Ant.



22) a) (1) Steps to be taken to ensure reliability of the	
Systems operation one:	
Live testing - Ersure that expeded outputs make	evel
Live testing - Ersure that expeded outputs or ach Mock trial - Trial the system with boundary values et	7
Stress testing - Test with different, extreme condition	~
Security testing - Fest the System Scurity	
Security testing - Fest the system security Pathways (loyical) - Test all the logical paths	My
of the system. Fix alle,	rot?
b)i) of - indicates the passing of parameters	
or variables in the direction shown	
or - indicates a flag passed in the	
or - indicates a flag passed in the direction shown	



n)	b) (i) Gror in line 21 - Validatel =
	6) (1) Gror in line 21 - Validated = (without and Gror at line 14 - KNDWHILE windston)
	The effect this error would have on the system
	would be that the system would run the
	Accept Cord Details and the Accept And Validate Pass
	without the cord berg in the slot. This presents a
	huge sewrity problem. The code should read:
	9, 14 ENDWHILE
	15 IF Godh Slot = TRUE THEN
	16 Accept Card Details (Customer Number, Skrul Prisoner
	•
	22 Validated = TRUE
	23 END IF
	24 END WHILE
	25 END



	Shied Password
	b) (11) BEGING Accept And Yalidate Password (Street Password Street Password (Street Password)
	Attempts = 1
	WHILE attempts L=3 OR AND validated=FA
	-alternots = attempts 1
	READ Password Ma
	attempts = attempts +1
	17 Paisword - Steed Password THEN
	Validated = TRUE
_	VEND IF
	WOWHILE
	SOUT DO TO THE TO BE WITH
_	CAID SIL
	END Subprogram
	Next page =
_	
_	
_	



attempts = 1
WHILE aftempts L=3 AND Validated=False
READ Keyed Password
attempts = attempts + (
IF BABABAR Keyed Possword = Stored Pan word TH Validated = TRUE
Validated = TRUE
END IF
END WHILE
END SUB