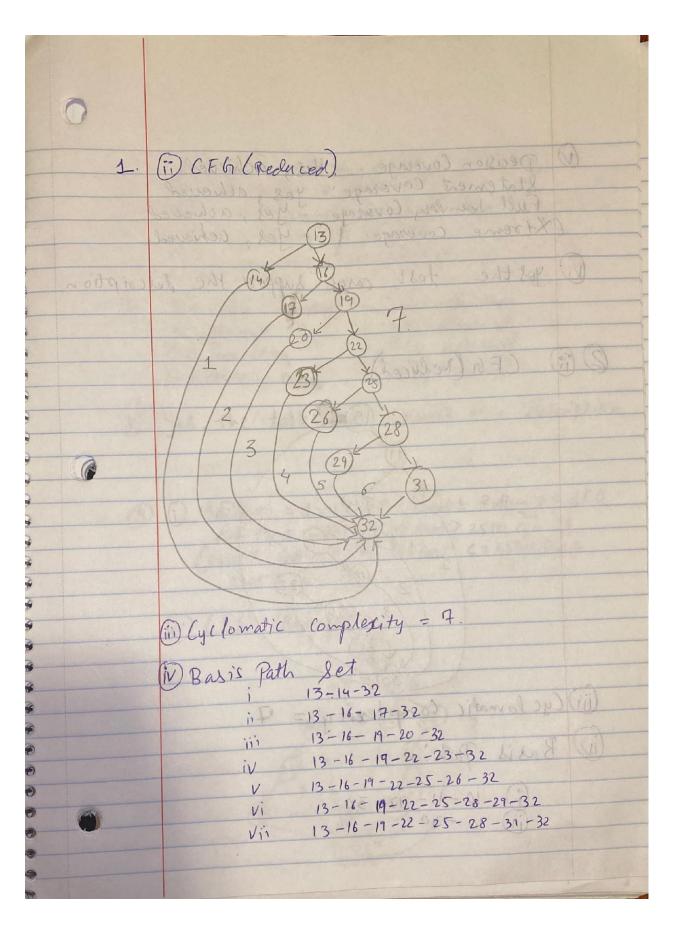
Answer 1:

.,	-			-		~	
Conditions	Rule 1	Rule 2 🔽	Rule 3 🔽	Rule 4 🔽	Rule 5 🔽	Rule 6 🔽	Rule 🔽
\$-∞ <= Balance <= \$0.00	Yes						
\$0.01 <= Balance <= \$1499.99		Yes					
\$1500.00 <= Balance <= \$5000.00			Yes				
\$5000.01 <= Balance <= \$9999.99				Yes			
\$10,000.00 <= Balance <= \$25,000.00					Yes		
\$25000.01 <= Balance <= \$49,999.99						Yes	
\$50,000.00<= Balance <= \$∞							Yes
Actions							
Interest	0.00	0.01	0.011	0.0125	0.015	0.02	0.025
Fee	\$50.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Gift Card	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE
HONORED STATUS	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE

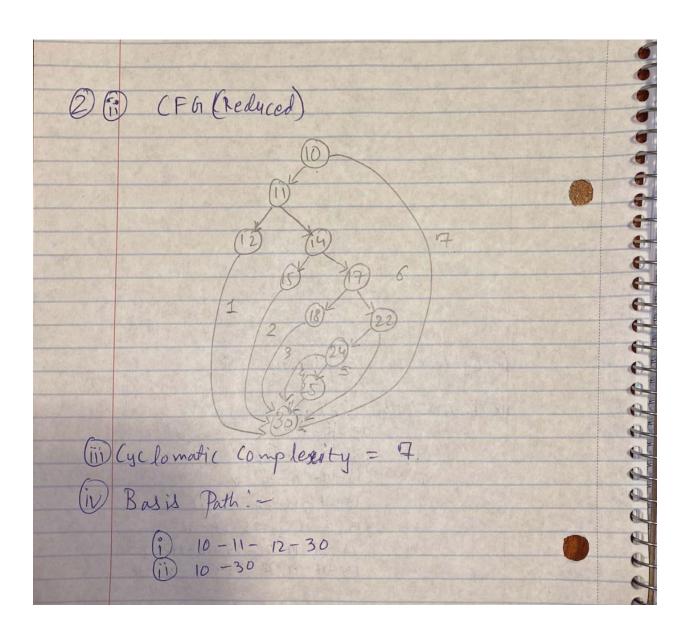


W I	ecision Coverage: Yes, achieved
F	tatement Coverage: - yes, achieved I
GX-	treme coverage :- Yes, achieved
(VI) gx	es the test cases support the description.

	INPUTS		EXPECTED OUTPUTS		
TESTCASES	Balance	Balance	Gift Card	Honored Status	BASIS PATH
TESTCASE1	\$0.00	-\$50.00	FALSE	FALSE	13-14-32
TESTCASE2	\$1,499.99	\$1,514.99	FALSE	FALSE	13-16-17-32
TESTCASE3	\$5,000.00	\$5,055.00	FALSE	FALSE	13-16-19-20-32
TESTCASE4	\$9,999.99	\$10,124.99	FALSE	FALSE	13-16-19-22-23-32
TESTCASE5	\$25,000.00	\$25,375.00	FALSE	FALSE	13-16-19-22-25-26-32
TESTCASE6	\$49,999.99	\$50,999.99	FALSE	FALSE	13-16-19-22-25-28-29-32
TESTCASE7	\$50,000.00	\$51,250.00	TRUE	TRUE	13-16-19-22-25-28-31-32
TESTCASE8	\$0.01	\$0.01	FALSE	FALSE	"_"
TESTCASE9	\$1,500.00	\$1,516.50	FALSE	FALSE	"_"
TESTCASE10	\$5,000.01	\$5,062.51	FALSE	FALSE	"_"
TESTCASE11	\$10,000.00	\$10,150.00	FALSE	FALSE	"_"
TESTCASE12	\$25,000.01	\$25,500.01	FALSE	FALSE	"_"
TESTCASE13	\$100,000.00	\$102,500.00	TRUE	TRUE	"_"
TESTCASE14	-\$30.00	-\$80.00	FALSE	FALSE	п_п

Answer 2:

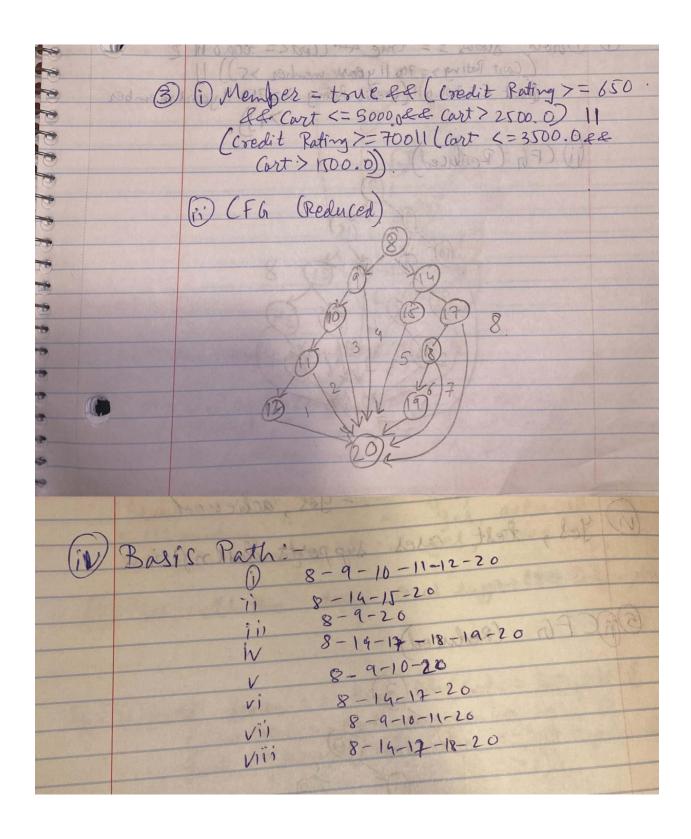
^	U	C	υ	L	1	U
Condition	Rule 1	Rule 2 -	Rule 3	Rule 4	Rule 5 🔽	
CRUISE ENGAGED	NO	YES	YES	YES	YES	
0.0 feet <= Distance <= 49.9 feet	Yes					
50.0 feet <= Distance <= 75.0 feet		Yes				
75.1 feet <= Distance <= 149.9 feet			Yes			
150.0 feet <= Distance <= 500.0 feet				Yes		
500.1 feet <= Distance <= 2000.00 feet					Yes	
Actions						
Red Light	TRUE	TRUE	TRUE			
Yellow Light			TRUE	TRUE		
Green Light					TRUE	



0	
	iv 10-11-14-18-30 1000 1000 1000 1000 1000 1000 1000 1
	iv 10-11-14-17-18-30 V 10-11-14-12-24-25-30
	VI 10-11-14-17-22-30
	10-11-19-17 Yel achieved
V	Decision Coverage! - Yes, achieved Statement ! - yes, achieved Full Boundary ! - Yes, achieved Extreme o !! Yes, achieved.
- ortan	Full Boundary ! Tyes, achieved!
(1/4	Yes, the test case supports the description.
	(a) (1) firstly starts = = trong flat (least = 3000 Mills

/ 1	U					J	- 11	
		INPUTS		EXPECTED OUTPUTS				
Test Cases	Cruise Engaged	Distance	Timer	Red Light	Yellow Light	Green Light	Timer	BASIS PATH
TESTCASE1	TRUE	500.1	0	FALSE	FALSE	TRUE	0	10,11,12,30
TESTCASE2	FALSE	500.1	0	FALSE	FALSE	FALSE	0	10,30
TESTCASE3	TRUE	150.0	0	FALSE	TRUE	FALSE	0	10,11,14,15,30
TESTCASE4	TRUE	75.1	0	TRUE	TRUE	FALSE	0	10,11,14,17,18,30
TESTCASE5	TRUE	49.9	1	FALSE	FALSE	FALSE	0	10,11,14,17,22,24,25,30
TESTCASE6	TRUE	50.0	1	TRUE	FALSE	FALSE	0	10,11,14,17,22,30
TESTCASE7	TRUE	49.9	0	TRUE	FALSE	FALSE	1	10,11,14,17,22,24,30
TESTCASE8	TRUE	500.0	0	FALSE	TRUE	FALSE	0	-
TESTCASE9	TRUE	149.9	0	TRUE	TRUE	FALSE	0	-
TESTCASE10	TRUE	75.0	0	FALSE	FALSE	FALSE	0	-
TESTCASE11	TRUE	0.0	0	TRUE	FALSE	FALSE	0	-
TESTCASE12	TRUE	2000.0	0	FALSE	FALSE	TRUE	0	-

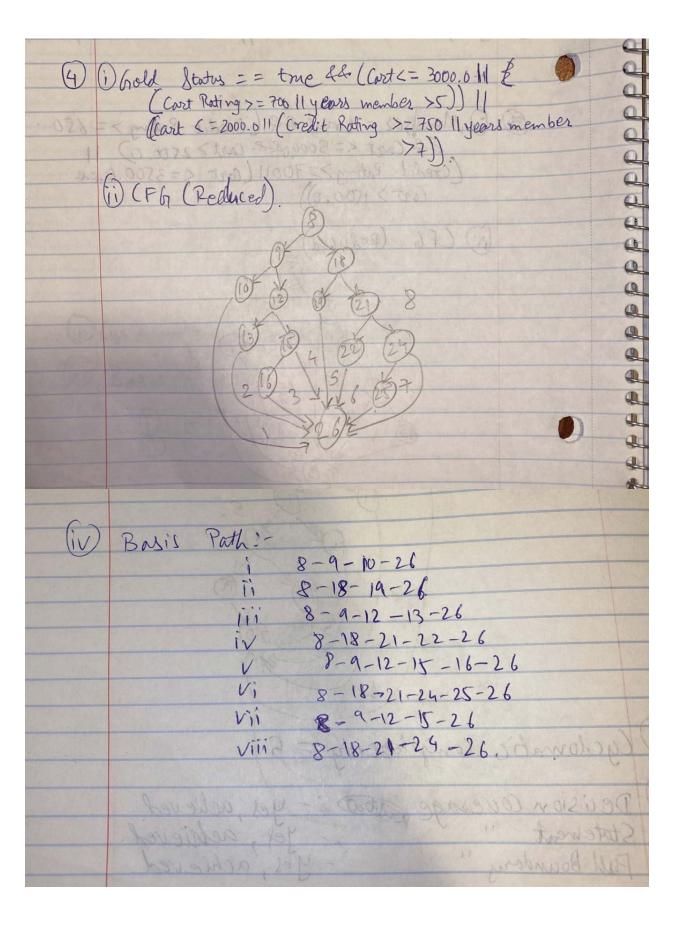
Answer 3:



(ii) Lyclomatic Complexity = 8		
> (v) Bo Member Add Credit Rating -		
08+35-FI-11-01 N		
Decision Coverage: - Yes, achieved		-
Statement ': - yes, achieved.	1	-
Full boundary - yes, achieved.	V -	
Extreme coverge :- yes, achieved		
Vi Yes, all the test cases supported Descon	otio	
Jo, at the fest costs sufferior vestor	ruon.	

		INPUTS		EXPECTED OUTPUTS	
Test Cases	Member	Credit Rating	Cart	APPROVED	BASIS PATH
TESTCASE1	TRUE	650	\$2,500.01	TRUE	8-9-10-11-12-20
TESTCASE2	FALSE	700	\$1,500.01	TRUE	8-14-15-20
TESTCASE3	TRUE	649	\$2,500.01	FALSE	8-9-20
TESTCASE4	FALSE	699	\$1,500.01	TRUE	8-14-17-18-19-20
TESTCASE5	TRUE	650	\$5,000.01	FALSE	8-9-10-20
TESTCASE6	FALSE	699	\$3,500.01	FALSE	8-14-17-20
TESTCASE7	TRUE	650	\$2,500.00	FALSE	8-9-10-11-20
TESTCASE8	FALSE	699	\$1,500.00	FALSE	8-14-17-18-20
TESTCASE9	TRUE	650	\$5,000.00	TRUE	-
TESTCASE10	FALSE	699	\$3,500.00	TRUE	-
TESTCASE11	TRUE	650	\$0.00	FALSE	-
TESTCASE12	TRUE	650	\$10,000.00	FALSE	-
TESTCASE13	TRUE	0	\$5,000.00	FALSE	-
TESTCASE14	FALSE	850	\$5,000.00	TRUE	-

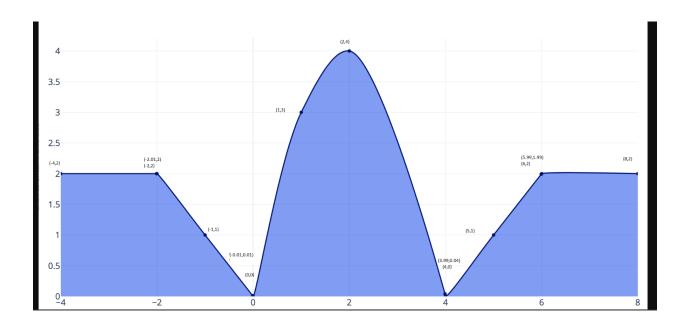
Answer 4:

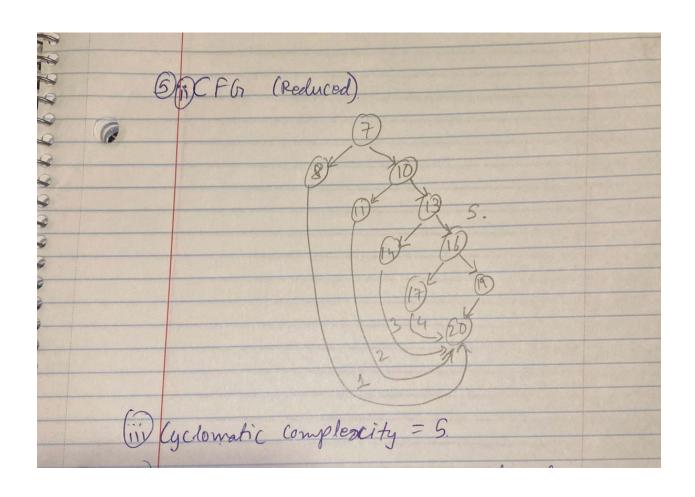


51512 R	0	
6161	(iii)	Cyclomatic Complexity = 8.
	(N)	Decision Coverage: - yes, achieved Statement ": - yes, achieved Full Boundary": - yes, achieved Extreme ": - yes, achieved.
		Yes, test ases supports description

		INI	PUTS		EXPECTED OUTPUTS	
TESTCASES	Gold Status	Cart	Credit Rating	Years Member	Approved	BASIS PATH
TESTCASE1	TRUE	\$3,000.00	699	5	TRUE	8,9,10,26
TESTCASE2	FALSE	\$2,000.00	749	7	TRUE	8,18,19,26
TESTCASE3	TRUE	\$3,000.01	700	5	TRUE	8,9,12,13,26
TESTCASE4	FALSE	\$2,000.01	750	7	TRUE	8,18,21,22,26
TESTCASE5	TRUE	\$3,000.01	699	6	TRUE	8,9,12,15,16,26
TESTCASE6	FALSE	\$2,000.01	749	8	TRUE	8,18,21,24,25,26
TESTCASE7	TRUE	\$3,000.01	699	6	FALSE	8,9,12,15,26
TESTCASE8	FALSE	\$2,000.01	749	7	FALSE	8,18,21,24,26
TESTCASE9	TRUE	\$0.00	699	5	TRUE	-
TESTCASE10	TRUE	\$10,000.00	699	5	FALSE	-
TESTCASE11	TRUE	\$3,000.01	0	5	FALSE	-
TESTCASE12	TRUE	\$3,000.01	850	5	TRUE	-
TESTCASE13	TRUE	\$3,000.01	699	0	FALSE	-
TESTCASE14	TRUE	\$3,000.01	699	20	TRUE	=

Answer 5:





(iv)	Basis Rath:
	7-8-20.
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	iii 7-10-13-14-20 iv 7-10-13-16-17-20
	7-10-13-16-19-20
	Ø
(V)	Desaision Coverage: - Yes, achieved
	Statement "; - ",
	Fully Boundary " - " "
	Extreme "
(VI)	Byes, the test cases support Descriptions.

	INPUTS	OUTPUTS	
TESTCASES	х	у	BASIS PATH
TESTCASE1	-2.01	2.00	7,8,20
TESTCASE2	-0.01	0.01	7,10,11,20
TESTCASE3	3.99	0.04	7,10,13,14,20
TESTCASE4	5.99	1.99	7,10,13,16,17,20
TESTCASE5	6.00	2.00	7,10,13,16,19,20
TESTCASE6	-2.00	2.00	-
TESTCASE7	0.00	0.00	-
TESTCASE8	4.00	0.00	-
TESTCASE9	-4.00	2.00	-
TESTCASE10	8.00	2.00	-
TESTCASE11	-1.00	1.00	-
TESTCASE12	2.00	4.00	-
TESTCASE13	1.00	3.00	-
TESTCASE14	5.00	1.00	-