PROBLEM SOLVING TECHNIQUES : MINOR ASSIGNMENT

A complete solution (THE FIVE STEPS IN CREATING PROGRAMS) is required for the following problem. Your output to the problem should appear on the printer. Use the marking scheme supplied along with this sheet as a guide in making sure you have all the required components completed.

THE PROBLEM:

Write a program that will process ten individual's application numbers, annual salaries, rent years employed at the same job, and years living at the same address. Have the computer print the application numbers of people who are eligible for a credit card. to be eligible, one must have a salary of over $25,000 per year, or have an annual salary of over $20,000 and pay a rent of less than one quarter of a month's salary, or have an annual salary of over $15,000 and be living at the same address for more than 5 years or have an annual salary of at least $10,000 and be living at the same address for at least 5 years and be employed at the same job for at least 3 years. All other applications are rejected.

Use the following data:

Application Number	Salary	Rent	Years Employed	Years Residing
605	$21,000	$560	4	5
610	18,000	500	10	14
614	35,000	750	2	10
656	11,000	280	20	19
678	15,500	400	6	2
692	8,000	200	10	11
694	32,000	850	3	3
697	12,500	375	4	6
698	40,000	950	15	8
700	20,000	395	5	5