

Program 602b

(The Source)



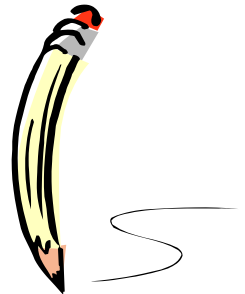
Program Description: The basic charge for Internet time is based on the number of hours of time used during a month. The schedule is as follows:

Hours used	Basic Charge
0.00 to 5.00	\$200
5.01 to 15.00	\$200 + \$50/hour for time over 5 hours
15.01 and up	\$550 + \$30/hour for time over 15 hours



In addition, there is a surcharge added to the basic charge based on the priority used. The priority is indicated by the code. The surcharge is as follows:

Priority Code	Surcharge
0	\$ 0
1	\$ 50
2	\$ 150



Write a program that reads a customer's account number, number of hours used, and a priority code. Then calculate the total charge. Print the account number and charge. Use the following data to test the program:

Account Number	Hours used	Priority Code
1825	3.52	0
14063	17.06	1
17185	7.93	1
19111	12.00	2
20045	5.00	1
21352	5.84	0
22841	27.94	2
23051	1.55	2
29118	15.02	0

Required Statements: input, output, decision making, loop control, class

Data Location: prog602b.dat

Sample Output:

Account	Hours	Code	Amount Due
1825	3.25	0	200.00
14063	17.06	1	661.80
17185	7.93	1	396.50
19111	12.00	2	700.00
20045	5.00	1	250.00
21352	5.84	0	242.00
22841	27.90	2	1087.00
23051	1.55	2	350.00
29118	15.02	0	550.60