

Figure 7.1 Comparison of Outputs

STUDENT NAME		CREDITS	TUITION	UNION FEE	ACT FEE	SCHOLARSHIP	TOTAL BILL
SMITH	JB	15	003000	025	075	00000	003100
JAMES	HR	15	003000	000	075	00000	003075
BAKER	SR	09	001800	000	050	00500	001350
PART-TIMER	JR	03	000600	025	025	00000	000650
JONES	PL	15	003000	025	075	00000	003100
HEAVYWORKER	HM	18	003600	000	075	00000	003675
LEE	BL	18	003600	000	075	00000	003675
CLARK	JC	06	001200	000	025	00000	001225
GROSSMAN	SE	07	001400	000	050	00000	001450
FRANKEL	LF	10	002000	000	050	00000	002050
BENWAY	CT	03	000600	000	025	00250	000375
KERBEL	NB	04	000800	000	025	00000	000825
UNIVERSITY TOTALS			024600	0075	0625	000750	024550

(a) Without Editing

STUDENT NAME		CREDITS	TUITION	UNION FEE	ACT FEE	SCHOLARSHIP	TOTAL BILL
SMITH	JB	15	\$3,000	\$25	\$75		\$3,100
JAMES	HR	15	\$3,000		\$75		\$3,075
BAKER	SR	9	\$1,800		\$50	\$500	\$1,350
PART-TIMER	JR	3	\$600	\$25	\$25		\$650
JONES	PL	15	\$3,000	\$25	\$75		\$3,100
HEAVYWORKER	HM	18	\$3,600		\$75		\$3,675
LEE	BL	18	\$3,600		\$75		\$3,675
CLARK	JC	6	\$1,200		\$25		\$1,225
GROSSMAN	SE	7	\$1,400		\$50		\$1,450
FRANKEL	LF	10	\$2,000		\$50		\$2,050
BENWAY	CT	3	\$600		\$25	\$250	\$375
KERBEL	NB	4	\$800		\$25		\$825
LUCKY ONE	FR	9	\$1,800		\$50	\$2000	\$150CR
UNIVERSITY TOTALS			\$26,400	\$75	\$675	\$2,750	\$24,400

Student has been added to the original data

(a) With Editing

TABLE 7.1 Editing Characters

CHARACTER	MEANING	CHARACTER	MEANING
.	Actual decimal point	B	Blank
Z	Zero suppression	/	Slash
\$	Dollar sign	CR	Credit character
,	Comma	DB	Debit character
*	Check protection	+	Plus sign
0	Zero	-	Minus sign