	Operation	Op1	Op2	Result	
(1)	:=	#0		SUM	{SUM := 0}
(2)	:=	#0		SUMSQ	{SUMSQ := 0}
(3)	:=	#1		I	{FOR I := 1 TO 100}
(4)	JGT	I	#100	(15)	
(5)	CALL	XREAD			{READ(VALUE)}
(6)	PARAM	VALUE			
(7)	+	SUM	VALUE	i_1	{SUM := SUM + VALUE}
(8)	:=	i_1		SUM	
(9)	*	VALUE	VALUE	i_2	{SUMSQ := SUMSQ +
(10)	+	SUMSQ	i_2	i_3	VALUE * VALUE}
(11)	:=	i_3		SUMSQ	
(12)	+	I	#1	i_4	{end of FOR loop}
(13)	:=	i_4		I	
(14)	J			(4)	
(15)	DIV	SUM	#100	i_5	{MEAN := SUM DIV 100}
(16)	:=	i_5		MEAN	
(17)	DIV	SUMSQ	#100	i_6	{VARIANCE :=
(18)	*	MEAN	MEAN	i_7	SUMSQ DIV 100
(19)	-	i_6	i_7	i_8	- MEAN * MEAN}
(20)	:=	i_8		VARIANCE	
(21)	CALL	XWRITE			{WRITE(MEAN,VARIANCE)}
(22)	PARAM	MEAN			
(23)	PARAM	VARIANCE			

Figure 5.22 Intermediate code for the program from Fig. 5.1.