

TITLE 6174  
TITEL

PAGE 1 OF 3  
SEITE VON  
PAGE DE

TI PROGRAMMABLE  
PROGRAM RECORD  
PROGRAMM-BERICHT  
FICHE PROGRAMME



PROGRAMMER  
PROGRAMMIERER  
PROGRAMMEUR

DATE 1 juil 2020  
DATUM  
DATE

Partitioning (Op 17)  
Speicher-Bereichsverteilung  
Partition (Op 17)

Library Module  
Software-Modul  
Module enfichable

Printer  
Drucker  
Imprimante

Cards  
Karten  
Cartes

PROGRAM DESCRIPTION • PROGRAMM BESCHREIBUNG • DESCRIPTION DU PROGRAMME

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6 1 7 4

=====

Enter a 4-digit number including at least one  
differs from the others then  
either [ A ] (method 1)  
either [ E ] (method 2)

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M E T H O D 1

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The program  
sort the 4 digits in descending order to get  
a first number abcd,  
sort the 4 digits in ascending order to get a  
second dcba number,  
subtracts the second number from the first,  
use the result as a fresh start  
... etc ...  
up to 6174!

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M E T H O D 2

-----

The program  
sort the 4 digits in descending order to get  
a first number abcd,  
calculate the next number = 999 (a-d) +90 (b-c)  
use this result as a fresh start  
... etc ...  
up to 6174!

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6 1 7 4

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<b>TITLE</b> 6174 <b>TITEL</b> _____ <b>TITRE</b> _____ <b>PROGRAMMER</b> _____ <b>PROGRAMMIERER</b> _____ <b>PROGRAMMEUR</b> _____ Partitioning (Op 17) _____ Speicher-Bereichsverteilung _____ Partition (Op 17) _____	<b>PAGE</b> 2 <b>OF</b> 3 <b>SEITE</b> _____ <b>VON</b> _____ <b>PAGE</b> _____ <b>DE</b> _____ <b>DATE</b> 1 juil 2020 <b>DATUM</b> _____ <b>DATE</b> _____	<b>TI PROGRAMMABLE</b> <b>PROGRAM RECORD</b> <b>PROGRAMM-BERICHT</b> <b>FICHE PROGRAMME</b> Printer _____ Drucker _____ Imprimante _____	Cards _____ Karten _____ Cartes _____
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PROGRAM DESCRIPTION • PROGRAMM BESCHREIBUNG • DESCRIPTION DU PROGRAMME

USER DEFINED KEYS PROGRAMM-ADRESSTASTEN TOUCHES UTILISATEUR		DATA REGISTERS DATENSPEICHER REGISTRES-MEMOIRE				LABELS (Op 08) LABELS (Op 08) LABELS (Op 08)					
A Number						<div>INVInxCECLRXTX²</div> <div>√x2011/xSTORCLSUMY*</div> <div>EE( )÷GTGX</div> <div>SBR- RST+R/S*</div> <div>+/-=CLRINVlogCP</div> <div>tan243PgmP→Rsin230cos222CMs</div> <div>ExcPrd x EngFixInt</div> <div>DegPausex↔iNopOpRad</div> <div>LbiX:tΣ+Σ-GradSt flg</div> <div>If flgD.MsπListWriteDas</div> <div>AdvPrt</div>					
B											
C											
D											
E Number											
A' (method 1)											
B'											
C'											
D'											
E' (method 2)											
FLAGS FLAGS DRAPEAUX		0	1	2	3	4	5	6	7	8	9

PROGRAMMER  
PROGRAMMIERER  
PROGRAMMEURDATE 1 juil 2020  
DATUM DATE

PROGRAMMEUR				DATE							
LOC ADR ADR	CODE KODE CODE	KEY TASTE TOUCHE	COMMENTS BEMERKUNGEN COMMENTAIRES	LOC ADR ADR	CODE KODE CODE	KEY TASTE TOUCHE	COMMENTS BEMERKUNGEN COMMENTAIRES	LOC ADR ADR	CODE KODE CODE	KEY TASTE TOUCHE	COMMENTS BEMERKUNGEN COMMENTAIRES
000	76	LBL	NUMBER - M	055	00	0		110	75	-	
001	11	A		056	00	0		111	43	RCL	
002	47	CMS		057	54	)		112	07	07	
003	42	STO		058	85	+		113	95	=	
004	09	09		059	53	(		114	69	OP	
005	76	LBL		060	43	RCL		115	06	06	
006	16	A'		061	02	02		116	32	X/T	
007	18	C'		062	65	*		117	06	6	
008	53	(	1ST NUMBER	063	01	1		118	01	1	
009	43	RCL		064	00	0		119	07	7	
010	01	01		065	54	)		120	04	4	
011	65	*		066	85	+		121	32	X/T	
012	01	1		067	43	RCL		122	42	STO	
013	00	0		068	01	01		123	09	09	
014	00	0		069	95	=		124	22	INV	
015	00	0		070	42	STO		125	67	EQ	
016	54	)		071	08	08		126	16	A'	
017	85	+		072	98	ADV		127	47	CMS	
018	53	(		073	69	OP		128	91	R/S	
019	43	RCL		074	26	26		129	76	LBL	NUMBER - M
020	02	02		075	43	RCL		130	15	E	
021	65	*		076	06	06		131	47	CMS	
022	01	1		077	99	PRT		132	42	STO	
023	00	0		078	02	2		133	09	09	
024	00	0		079	00	0		134	76	LBL	
025	54	)		080	00	0		135	10	E'	
026	85	+		081	00	0		136	18	C'	
027	53	(		082	00	0		137	43	RCL	1ST NUMBER
028	43	RCL		083	00	0		138	04	04	
029	03	03		084	00	0		139	75	-	
030	65	*		085	00	0		140	43	RCL	
031	01	1		086	69	OP		141	01	01	
032	00	0		087	04	04		142	95	=	
033	54	)		088	43	RCL		143	42	STO	
034	85	+		089	08	08		144	07	07	
035	43	RCL		090	69	OP		145	43	RCL	2ND NUMBER
036	04	04		091	06	06		146	03	03	
037	95	=		092	06	6		147	75	-	
038	42	STO		093	04	4		148	43	RCL	
039	07	07		094	00	0		149	02	02	
040	53	(	2ND NUMBER	095	00	0		150	95	=	
041	43	RCL		096	00	0		151	42	STO	
042	04	04		097	00	0		152	08	08	
043	65	*		098	00	0		153	98	ADV	
044	01	1		099	00	0		154	69	OP	
045	00	0		100	69	OP		155	26	26	
046	00	0		101	04	04		156	43	RCL	
047	00	0		102	43	RCL		157	06	06	
048	54	)		103	07	07		158	99	PRT	
049	85	+		104	69	OP		159	09	9	
050	53	(		105	06	06		<div>MERGED CODES KOMBINATIONEN-KODES</div> <div>TOUCHES COMBINEES</div> <div>62   72   83  </div> <div>63   73   84  </div> <div>64   74   92  </div> <div>TEXAS INSTRUMENTS</div>			
051	43	RCL		106	69	OP					
052	03	03		107	00	00					
053	65	*		108	43	RCL					
054	01	1		109	08	08					



TITLE 6174  
TITEL

PAGE 3 OF 3  
SEITE VON DE

TI PROGRAMMABLE  
CODING FORM  
KODEFORM  
FEUILLE DE PROGRAMMATION



PROGRAMMER  
PROGRAMMIERER  
PROGRAMMEUR

DATE 1 juil 2020  
DATUM DATE

LOC ADR ADR	CODE KODE CODE	KEY TASTE TOUCHE	COMMENTS BEMERKUNGEN COMMENTAIRES	LOC ADR ADR	CODE KODE CODE	KEY TASTE TOUCHE	COMMENTS BEMERKUNGEN COMMENTAIRES	LOC ADR ADR	CODE KODE CODE	KEY TASTE TOUCHE	COMMENTS BEMERKUNGEN COMMENTAIRES
160	09	9		215	97	DSZ					
161	09	9		216	00	00					
162	65	*		217	34	SQR					
163	43	RCL		218	04	4	SORTING				
164	07	07		219	42	STO					
165	85	+		220	00	00					
166	09	9		221	76	LBL					
167	00	0		222	39	COS					
168	65	*		223	73	RC*					
169	43	RCL		224	00	00					
170	08	08		225	32	X/T					
171	95	=		226	04	4					
172	69	OP		227	42	STO					
173	00	00		228	05	05					
174	69	OP		229	76	LBL					
175	06	06		230	38	SIN					
176	32	X/T		231	73	RC*					
177	06	6		232	05	05					
178	01	1		233	77	GE					
179	07	7		234	30	TAN					
180	04	4		235	63	EX*					
181	32	X/T		236	00	00					
182	42	STO		237	72	ST*					
183	09	09		238	05	05					
184	22	INV		239	73	RC*					
185	67	EQ		240	00	00					
186	10	E'		241	32	X/T					
187	47	CMS		242	76	LBL					
188	91	R/S		243	30	TAN					
189	76	LBL	COMMON ARE	244	97	DSZ					
190	18	C'		245	05	05					
191	04	4		246	38	SIN					
192	22	INV		247	97	DSZ					
193	28	LOG		248	00	00					
194	22	INV		249	39	COS					
195	49	PRD		250	92	RTN					
196	09	09									
197	04	4	DISTRIBUTI								
198	42	STO									
199	00	00									
200	76	LBL									
201	34	SQR									
202	43	RCL									
203	09	09									
204	22	INV									
205	59	INT									
206	65	*									
207	01	1									
208	00	0									
209	95	=									
210	42	STO									
211	09	09									
212	59	INT									
213	72	ST*									
214	00	00									

MERGED CODES KOMBINATIONEN-KODES				TOUCHES COMBINEES				
62	Pgm	Ind	72	STO	Ind	83	GTO	Ind
63	LAC	Ind	73	RCL	Ind	84	OP	Ind
64	Prg	Ind	74	SUM	Ind	92	INV	Sbr

TEXAS INSTRUMENTS