

[illegible]

THIS EXERCISER USES THE FOLLOWING FILE NAMES AND SPACE.

NAME	SPACE<RECORDS>	
HP+++*	3	
HP+++/*	3	
HP+++/-	3	
HP+++*	2	<STRING ROM>
HP+++/*	2	<MATRIX ROM>
HP+++*	2	
HP+++++	1	
HP+***	2	
HP/+**	1	
HP/+/*	8	
HP/+/*	8	
HP/+/*	8	
HP/+/*	8	
HP/+/*	8	
HP////	HP/+/-	RENAMED

IF AN ERROR 97 OCCURS, YOU HAVE USED ONE OF THE ABOVE RESERVED NAMES.

THE EXERCISER USES THE FOLLOWING MASS MEMORY COMMANDS:

```
UNIT                                PRINT#
OPEN                                READ#
KILL(NO PROTECTION CODE)           IF END#
FILES                                TYP(F),TYP(-F)
ASSIGN(NO PROTECTION CODE)          DCOPY
SAVE                                DREN(NO PROTECTION CODE)
GET                                  SAVE KEY
CHAIN                               GET KEY
```

OPTIONAL WITH STRING ROM

```

IONNE
IBYTE
IDEXP
PRINT#
READ#

```

OPTIONAL WITH MATRIX ROM

```

MAT PRINT#
MAT READ#

```

THE EXERCISER DOES NOT USE THE FOLLOWING COMMANDS:

CATALOG	PROTECT
DAVTP	DGET
DEDUMP	DELOAD

COMMANDS CHECK

UNIT 1 WILL BE TESTED
UNIT

```

1
2
OPEN & DREN
SAVE & FILES & PRINT#F,R
GET & FILES & READ#F,R & PRINT#F,R
DBYTE & FILES & ASSIGN & KILL & OPEN
FILES & ASSIGN & IF END#F & READ#F,R
CHAIN & READ#F,R & PRINT#F
READ#F,R & PRINT#F & PRINT#F;END
PRINT#F,R;END
CHAIN & MAT PRINT#F,R & READ#F,R & MAT PRINT#F
CHAIN & DEXP & READ#F,R & PRINT#F
CHAIN & FILES & DCOPY & DREN
READ#F,R & TYP(-F) & READ#F
READ#F,R & TYP(F) & READ#F
CHAIN & IF END#F & READ#F,R
CHAIN & IF END#F & MAT READ#F,R & READ#F,R & MAT READ#F
CHAIN & READ#F,R & TYP(-F) & READ#F
TESTING ACCOMPLISHED 1 TIME(S)
GET & FILES & READ#F,R & PRINT#F,R
DBYTE & FILES & ASSIGN & KILL & OPEN
FILES & ASSIGN & IF END#F & READ#F,R
CHAIN & READ#F,R & PRINT#F
READ#F,R & PRINT#F & PRINT#F;END
PRINT#F,R;END
CHAIN & MAT PRINT#F,R & READ#F,R & MAT PRINT#F
CHAIN & DEXP & READ#F,R & PRINT#F
CHAIN & FILES & DCOPY & DREN
READ#F,R & TYP(-F) & READ#F
READ#F,R & TYP(F) & READ#F
CHAIN & IF END#F & READ#F,R
CHAIN & IF END#F & MAT READ#F,R & READ#F,R & MAT READ#F
CHAIN & READ#F,R & TYP(-F) & READ#F
CHAIN & SAVE KEY & GET KEY
KILL & FILES & READ#F,R

```

Abstract

THIS EXERCISER USES THE FOLLOWING FILE NAMES AND SPACE.

NAME	SPACE<RECORDS>
HP++**	3
HP+++/*	3
HP+++/-	3
HP++*-	2 <(STRING ROM)>
HP+++/*	2 <(MATRIX ROM)>
HP++++*	1
HP+***	2
HP/+**	1
HP/+/**	8
HP/+/*-	8
HP/+/**	8
HP/+//	8
HP/////	HP/+/- RENAMED

IF AN ERROR 97 OCCURS, YOU HAVE USED ONE OF THE ABOVE RESERVED NAMES.

THE EXERCISER USES THE FOLLOWING MASS MEMORY COMMANDS:

```
UNIT                                PRINT#
OPEN                                READ#
KILL<NO PROTECTION CODE>          IF END#
FILES                              TYP(F),TYP(-F)
ASSIGN<NO PROTECTION CODE>        DCOPY
SAVE                               DREN<NO PROTECTION CODE>
GET                                SAVE KEY
CHAIN                             GET KEY
```

OPTIONAL WITH STRING ROM

```

DBYTE
DEXP
PRINT#
READ#

```

OPTIONAL WITH MATRIX ROM

```

MAT PRINT#
MAT READ#

```

THE EXERCISER DOES NOT USE THE FOLLOWING COMMANDS:

CATALOG	PROTECT
DAVTP	DGET
DEDUMP	DELOAD

COMMANDS CHECK

UNIT 0 WILL BE TESTED
UNIT

```

1
1
1
1
OPEN & DREN
SAVE & FILES & PRINT#F,R
GET & FILES & READ#F,R & PRINT#F,R
DDBYTE & FILES & ASSIGN & KILL & OPEN
FILES & ASSIGN & IF END#F & READ#F,R
CHAIN & READ#F,R & PRINT#F
READ#F,R & PRINT#F & PRINT#F;END
PRINT#F,R;END
CHAIN & MAT PRINT#F,R & READ#F,R & MAT PRINT#F
CHAIN & DEXP & READ#F,R & PRINT#F
CHAIN & FILES & DCOPY & DREN
READ#F,R & TYP(-F) & READ#F
READ#F,R & TYP(F) & READ#F
CHAIN & IF END#F & READ#F,R
CHAIN & IF END#F & MAT READ#F,R & READ#F,R & MAT READ#F
CHAIN & READ#F,R & TYP(-F) & READ#F
CHAIN & SAVE KEY & GET KEY
KILL & FILES & READ#F,R
TESTING COMPLETED 1      TIME(S)

```