

kSys85 CP/M 2.2p 256k <- Refers to eight 32k pages available to CP/M  
1 page is the low 32k of the TPA  
1 page is allocated for system use  
6 remaining are free for use

A:\>dir

A: STAT	COM : ED	COM : ASM	COM : DDT	COM
A: LOAD	COM : PIP	COM : SUBMIT	COM : XSUB	COM
A: MBASIC	COM : STARTREK	BAS : FORMAT	COM : DU	COM
A: WM	COM : WM	HLP : UNERA	COM : CRCK	COM
A: SH	COM : SH	OVR : SHSAV	COM : DD	COM
A: POWER	COM : MONSTERS	BAS : TYPE	COM : FRAC	BAS
A: XMODEM	COM : QUIET	COM : D	COM : PHI	COM
A: MD	COM : RD	COM : CD	COM : DATE	COM
A: TIME	COM : NOW	COM : CLKREG	COM : MOVE	COM
A: SHODIR	COM : SHOFIL	COM : COPY	COM : DPLS	COM

A:\>dd

A:\>cls <-- ANSI byte sequence issues from CCP to clear screen

A:\>stat

A: R/W, Space: 59k ROM Disk

C: R/W, Space: 151k RAM Disk

A:\>dir d\*.\* <- Needless typing

A: DDT	COM : DU	COM : DD	COM : D	COM
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A: DATE	COM : DPLS	COM
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A:\>

A:\>dir d\* <- More Contemporary approach

A: DDT	COM : DU	COM : DD	COM : D	COM
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A: DATE	COM : DPLS	COM
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A:\>cls

A:\>date <- BQ4845 RTC fuctions as Clock and RAM Backup  
Supervisor

08/08/2021

A:\>time

04:34:22 pm

A:\>c:

C:\>

C:\>now

Sun 08 Aug 2021 04:34:51 pm

C:\>shonu <- Not a Dir utility It's a META-File  
associating Dir files with CLK Info

Files C:\ U:00

0 FMETA .NU 07/12/2021 00:26pm

0 Z .COM 07/12/2021 00:26pm

0 FMETA .DIR 07/12/2021 00:26pm

```

0 FMETA .FLE 07/12/2021 00:27pm
0 X .COM 07/12/2021 00:29pm
0 TYPE .COM 07/12/2021 00:27pm
0 MOVE .COM 07/12/2021 00:27pm
0 D .COM 07/12/2021 00:28pm
0 PHI .COM 07/12/2021 00:35pm
0 COMPARE .COM 07/12/2021 00:39pm
0 SHODIR .COM 07/12/2021 00:29pm
0 CD .COM 07/12/2021 00:30pm
0 RD .COM 07/12/2021 00:30pm
0 MD .COM 07/12/2021 00:31pm
0 COPY .COM 07/12/2021 00:32pm
0 CLKREG .COM 07/12/2021 00:32pm
0 NOW .COM 07/12/2021 00:33pm
0 TIME .COM 07/12/2021 00:33pm
0 DATE .COM 07/12/2021 00:33pm
more...             <-- Backspaces that erase "more..." text upon
key stroke

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```

0 MPI .COM 07/12/2021 00:34pm
0 PHY .COM 07/14/2021 06:25pm
0 P .COM 07/12/2021 00:36pm
0 SI .COM 07/12/2021 00:37pm
0 STB .COM 07/12/2021 00:37pm
0 BETTY . 07/12/2021 00:38pm
0 CRCLIST .TXT 07/12/2021 00:40pm
0 K .COM 07/12/2021 00:39pm
3 STAT .COM 07/12/2021 00:43pm
1 CLKREG .COM 07/12/2021 00:41pm
1 SHODIR .HEX 07/30/2021 07:01pm
1 CD .COM 07/12/2021 00:42pm
0 MPI .HEX 07/17/2021 01:46pm
3 CD .COM 07/12/2021 00:44pm
1 LEX .COM 07/17/2021 01:13pm
0 SHOFIELD .COM 07/14/2021 06:41pm
1 DPLS .COM 07/14/2021 06:44pm
4 CD .COM 07/14/2021 06:42pm
4 SI .COM 07/14/2021 06:43pm
5 CD .COM 07/14/2021 06:57pm

```

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more...           
1 SHODIR .COM 07/30/2021 07:01pm
0 K .HEX 07/29/2021 10:33pm
0 SHONU .COM 07/30/2021 04:50pm
0 TEST .FLE 07/31/2021 03:57pm

```

C:\>phi<-- Here Dir info and Meta Info Merge as a DIRECTORY Util

Directory C:\ROOT

```

TOOLS [dir] 05/24/2020 00:56pm L:20
DOCUMENTS [dir] 06/11/2020 05:50pm L:20
MEMO'S [dir] 20/20/2014 09:20am L:20
TESTPROCS [dir] 20/20/2014 09:20am L:20
EMAIL [dir] 20/20/2014 09:20am L:20
PROCEDURE [dir] 20/20/2014 09:20am L:20
FMETA.NU 02k 08/08/2021 04:35pm
Z.COM 02k 08/08/2021 04:35pm

```

```

FMETA.DIR      01k  07/12/2021  00:26pm
FMETA.FLE      01k  07/12/2021  00:27pm
PHI.COM        03k  07/12/2021  00:35pm
TYPE.COM       01k  07/12/2021  00:27pm
MOVE.COM       02k  07/12/2021  00:27pm
D.COM          03k  07/12/2021  00:28pm
COMPARE.COM    01k  07/12/2021  00:39pm
X.COM          05k  07/12/2021  00:29pm
SHODIR.COM     01k  07/12/2021  00:29pm
CD.COM         01k  07/12/2021  00:30pm
RD.COM         01k  07/12/2021  00:30pm
MD.COM         02k  07/12/2021  00:31pm
COPY.COM       02k  07/12/2021  00:32pm
more... ██████████
CLKREG.COM     02k  07/12/2021  00:32pm
NOW.COM        01k  07/12/2021  00:33pm
TIME.COM       01k  07/12/2021  00:33pm
DATE.COM       01k  07/12/2021  00:33pm
MPI.COM        05k  07/12/2021  00:34pm
SI.COM         02k  07/12/2021  00:37pm
P.COM          11k  07/12/2021  00:36pm
STB.COM        03k  07/12/2021  00:37pm
BETTY.         01k  07/12/2021  00:38pm
CRCLIST.TXT    01k  07/12/2021  00:40pm
K.COM          10k  07/12/2021  00:39pm
TEST.FLE       00k  07/31/2021  03:57pm
PHY.COM        03k  07/14/2021  06:25pm
SHOFILE.COM    02k  07/14/2021  06:41pm
SHONU.COM      02k  07/30/2021  04:50pm
CRCKLIST.CRC   01k  08/08/2021  04:35pm
SD.COM         09k  08/08/2021  04:35pm

```

```

32 Files occupying 83k bytes.
11 files in other directories.
C: has 151k bytes & 20 dlr entries free.

```

```
C:\>cd\tools <- switching to a directory (user area)
```

```
C:\TOOLS>d <-- A Short directory util
```

```
Directory C:\TOOLS
```

```

[ARCHIVE ] <-- Indicates another child directory (user area)
SHODIR .HEX 03k ... CLKREG .COM 02k ... CD .COM 01k ...
DPLS .COM 01k ... LEX .COM 01k ... SHODIR .COM 01k ...

```

```
06 Files occupying 09k
```

```
C:\TOOLS>shodir <-- This util depicts User/Dir association
```

```
Child Directories for C:\TOOLS
```

```
01 P1 ARCHIVE [U03] 04/30/2020 11:49am L:32
```

```
C:\TOOLS>cd archive <-- Select child dir
```

C:\TOOLS\ARCHIVE>d <-- Show Dir Content

Directory C:\ARCHIVE

STAT .COM 06k ... CD .COM 01k ...  
02 Files occupying 07k

C:\TOOLS\ARCHIVE>

C:\TOOLS\ARCHIVE>cd\ <-- Return to Root Dir

C:\>d <- Show Root Content

Directory C:\ROOT

[ TOOLS ]		[ DOCUMENTS ]		[ MEMO'S ]	
[ TESTPROCS ]		[ EMAIL ]		[ PROCEDURE ]	
FMETA.NU	02k ...	Z.COM	02k ...	FMETA.DIR	01k ...
FMETA.FLE	01k ...	PHI.COM	03k ...	TYPE.COM	01k ...
MOVE.COM	02k ...	D.COM	03k ...	COMPARE.COM	01k ...
X.COM	05k ...	SHODIR.COM	01k ...	CD.COM	01k ...
RD.COM	01k ...	MD.COM	02k ...	COPY.COM	02k ...
CLKREG.COM	02k ...	NOW.COM	01k ...	TIME.COM	01k ...
DATE.COM	01k ...	MPI.COM	05k ...	SI.COM	02k ...
P.COM	11k ...	STB.COM	03k ...	BETTY.	01k ...
CRCLIST.TXT	01k ...	K.COM	10k ...	TEST.FLE	00k ...
PHY.COM	03k ...	SHOFILE.COM	02k ...	SHONU.COM	02k ...
CRCKLIST.CRC	01k ...	SD.COM	09k ...		
32 Files occupying 83k					

C:\>cd\tools\archive <- Switching direct to /child/child directory

C:\TOOLS\ARCHIVE>xmodem stat.com/r <-- Execute USER0/Drive A: pgm

File exists. Overwrite (Y/N)?y

File created

Receiving via CON with CRCsC

OK

Received 41 blocks

C:\TOOLS\ARCHIVE>stat <-- Run just loaded file

A: R/W, Space: 59k

C: R/W, Space: 151k

C:\TOOLS\ARCHIVE>cd\ <-- Back to Root

C:\>d

Directory C:\ROOT

[ TOOLS ]		[ DOCUMENTS ]		[ MEMO'S ]	
[ TESTPROCS ]		[ EMAIL ]		[ PROCEDURE ]	
FMETA.NU	02k ...	Z.COM	02k ...	FMETA.DIR	01k ...
FMETA.FLE	01k ...	PHI.COM	03k ...	TYPE.COM	01k ...
MOVE.COM	02k ...	D.COM	03k ...	COMPARE.COM	01k ...
X.COM	05k ...	SHODIR.COM	01k ...	CD.COM	01k ...
RD.COM	01k ...	MD.COM	02k ...	COPY.COM	02k ...
CLKREG.COM	02k ...	NOW.COM	01k ...	TIME.COM	01k ...
DATE.COM	01k ...	MPI.COM	05k ...	SI.COM	02k ...

```

P.COM      11k ...   STB.COM      03k ...   BETTY.     01k ...
CRCLIST.TXT 01k ...   K.COM       10k ...   TEST.FLE   00k ...
PHY.COM     03k ...   SHOFILE.COM 02k ...   SHONU.COM  02k ...
CRCKLIST.CRC 01k ... SD.COM      09k ...
32 Files occupying 83k

```

```
C:\>type crcklist.crc <-- A new Transient version of TYPE Intrinsic
```

```

FMETA .NU      CRC = 8F 58
Z      .COM     CRC = CC 37
FMETA .DIR     CRC = 94 BC
FMETA .FLE     CRC = 2E 7A
PHI    .COM     CRC = 52 DA
TYPE   .COM     CRC = 13 DE
MOVE   .COM     CRC = F6 E1
D      .COM     CRC = E5 DA
COMPARE .COM    CRC = 98 83
X      .COM     CRC = 2E 10
SHODIR .COM     CRC = 31 5B
CD     .COM     CRC = 2E A1
RD     .COM     CRC = FC BD
MD     .COM     CRC = BA 40
COPY   .COM     CRC = EC 24
CLKREG .COM     CRC = B8 B8
NOW    .COM     CRC = 28 AA
TIME   .COM     CRC = 3D 9C
DATE   .COM     CRC = B6 79
MPI    .COM     CRC = 96 7A
more... [][][][] <-- once again Backspace of More...
SI     .COM     CRC = 08 F9
P      .COM     CRC = A9 86
STB    .COM     CRC = 86 6D
BETTY  .        CRC = D7 93
CRCLIST .TXT    CRC = C7 35
K      .COM     CRC = E4 A4
K      .HEX     CRC = 3E B8
TEST   .FLE     CRC = 00 00
PHY    .COM     CRC = C5 E9
SHOFILE .COM    CRC = 98 04
SHONU  .COM     CRC = C2 EA
00 00

```

```
C:\>
```