This is Simulation Version 4.20 and Hardware Version 4.20.

Program called with 2 arguments: z502.exe test1b

Calling with argument 'sample' executes the sample program.

Simulation is running as a UniProcessor

Add an 'M' to the command line to invoke multiprocessor operation.

process\_name: test1b

process\_to\_run: 12128566

test1b priority validated

validating process\_names

Number of processes already created: 0

PID: 1, process\_context: 16946664 initialized successfully with 13367328

16946664 initial ready position: 1 count\_ready\_queue: 1

ready\_position: 1 process\_name: test1b

starting context for: test1b

This is Release 4.20: Test 1b

SVC handler: create

Arg 0: Contents = (Decimal) 12265056, (Hex) BB2660

Arg 1: Contents = (Decimal) 12128656, (Hex) B91190

Arg 2: Contents = (Decimal) -3, (Hex) FFFFFFFD

Arg 3: Contents = (Decimal) 21363460, (Hex) 145FB04

Arg 4: Contents = (Decimal) 21363432, (Hex) 145FAE8

Came in SVC Create Process Block

Priority assigned is incorrect. Error Number: -16

-16

Exiting!!! As error has occurred

ErrorReturned in SVC: -16

-16

Exiting!!! As error has occurred

test1b: -16

Program correctly returned an error: -16

SVC handler: create

Arg 0: Contents = (Decimal) 12265096, (Hex) BB2688

Arg 1: Contents = (Decimal) 12128656, (Hex) B91190

Arg 2: Contents = (Decimal) 10, (Hex) A

Arg 3: Contents = (Decimal) 21363448, (Hex) 145FAF8

Arg 4: Contents = (Decimal) 21363432, (Hex) 145FAE8

Came in SVC Create Process Block

two\_the\_same priority validated

validating process\_names

Number of processes already created: 1

validating count -20

-20

Exiting!!! As error has occurred

ErrorReturned in SVC: -20

-20

Exiting!!! As error has occurred

context returned: -858993460

An Error should NOT have occurred.

????: Error( -20 ) occurred in case -2 (CREATE\_PROCESS)

SVC handler: create

Arg 0: Contents = (Decimal) 12265152, (Hex) BB26C0

Arg 1: Contents = (Decimal) 12128656, (Hex) B91190

Arg 2: Contents = (Decimal) 10, (Hex) A

Arg 3: Contents = (Decimal) 21363460, (Hex) 145FB04

Arg 4: Contents = (Decimal) 21363432, (Hex) 145FAE8

Came in SVC Create Process Block

two\_the\_same priority validated

validating process\_names

Number of processes already created: 1

validating count -20

-20

Exiting!!! As error has occurred

ErrorReturned in SVC: -20

-20

Exiting!!! As error has occurred

Program correctly returned an error: -20

SVC handler: term\_proc

Arg 0: Contents = (Decimal) -858993460, (Hex) CCCCCCCC

Arg 1: Contents = (Decimal) 21363432, (Hex) 145FAE8

entered terminate process correctly

in Terminate switch case

system argument 0: -858993460, -858993460

entered Terminate all mode

Hardware Statistics during the Simulation

Context Switches = 1: Mean Number Running Threads = 1.00 CALLS = 12

The Z502 halts execution and Ends at Time 63

Exiting the program