

== Memory Test Suit Begins..... ==

== Memory block has been allocated of below size ==

16

== First address of the heap is mentioned below ==

536868544

== Last address of the heap is mentioned below ==

536868608

== The return status after write pattern 1 ==

== write\_pattern is success

==

== Display Memory is mentioned below ==

80

== Display Memory is mentioned below ==

253

== Display Memory is mentioned below ==

36

== Display Memory is mentioned below ==

139

== Display Memory is mentioned below ==

64

== Display Memory is mentioned below ==

49

== Display Memory is mentioned below ==

68

== Display Memory is mentioned below ==

127

== Display Memory is mentioned below ==

0

== Display Memory is mentioned below ==

245

== Display Memory is mentioned below ==

100

== Display Memory is mentioned below ==

115

== Display Memory is mentioned below ==

96

== Display Memory is mentioned below ==

89

== Display Memory is mentioned below ==

228

== Display Memory is mentioned below ==

135

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== The return status after write pattern 2 ==

== write\_memory is success

==

== Display Memory is mentioned below ==

80

== Display Memory is mentioned below ==

253

== Display Memory is mentioned below ==

36

== Display Memory is mentioned below ==

139

== Display Memory is mentioned below ==

65518

== Display Memory is mentioned below ==

49

== Display Memory is mentioned below ==

68

== Display Memory is mentioned below ==

127

== Display Memory is mentioned below ==

0

== Display Memory is mentioned below ==

245

== Display Memory is mentioned below ==

100

== Display Memory is mentioned below ==

115

== Display Memory is mentioned below ==

96

== Display Memory is mentioned below ==

89

== Display Memory is mentioned below ==

228

== Display Memory is mentioned below ==

135

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Not Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== The return status after write pattern 3 ==

== write\_pattern is success

==

== Display Memory is mentioned below ==

80

== Display Memory is mentioned below ==

253

== Display Memory is mentioned below ==



36

== Display Memory is mentioned below ==

139

== Display Memory is mentioned below ==

64

== Display Memory is mentioned below ==

49

== Display Memory is mentioned below ==

68

== Display Memory is mentioned below ==

127

== Display Memory is mentioned below ==

0

== Display Memory is mentioned below ==

245

== Display Memory is mentioned below ==

100

== Display Memory is mentioned below ==

115

== Display Memory is mentioned below ==

96

== Display Memory is mentioned below ==

89

== Display Memory is mentioned below ==

228

== Display Memory is mentioned below ==

135

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== The return status after 1st Invert Pattern ==

== Invert block is success

==

== Display Memory is mentioned below ==

80

== Display Memory is mentioned below ==

253

== Display Memory is mentioned below ==

36

== Display Memory is mentioned below ==

139

== Display Memory is mentioned below ==

-65

== Display Memory is mentioned below ==

-50

== Display Memory is mentioned below ==

-69

== Display Memory is mentioned below ==

-128

== Display Memory is mentioned below ==

0

== Display Memory is mentioned below ==

245

== Display Memory is mentioned below ==

100

== Display Memory is mentioned below ==

115

== Display Memory is mentioned below ==

96

== Display Memory is mentioned below ==

89

== Display Memory is mentioned below ==

228

== Display Memory is mentioned below ==

135

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Not Successful ==

== Verification Not Successful ==

== Verification Not Successful ==

== Verification Not Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== The return status after 2nd Invert Pattern ==

== Invert block is success

==

== Display Memory is mentioned below ==

80

== Display Memory is mentioned below ==

253

== Display Memory is mentioned below ==

36

== Display Memory is mentioned below ==

139

== Display Memory is mentioned below ==

64

== Display Memory is mentioned below ==

49

== Display Memory is mentioned below ==

68

== Display Memory is mentioned below ==

127

== Display Memory is mentioned below ==

0

== Display Memory is mentioned below ==

245



== Display Memory is mentioned below ==

100

== Display Memory is mentioned below ==

115

== Display Memory is mentioned below ==

96

== Display Memory is mentioned below ==

89

== Display Memory is mentioned below ==

228

== Display Memory is mentioned below ==

135

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

== Verification Successful ==

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