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

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

10

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

428e1270

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

428e12b0

== The return status after write pattern 1 ==

== write_pattern is success
 ==

== Display Memory is mentioned below ==

50

== Display Memory is mentioned below ==

fd

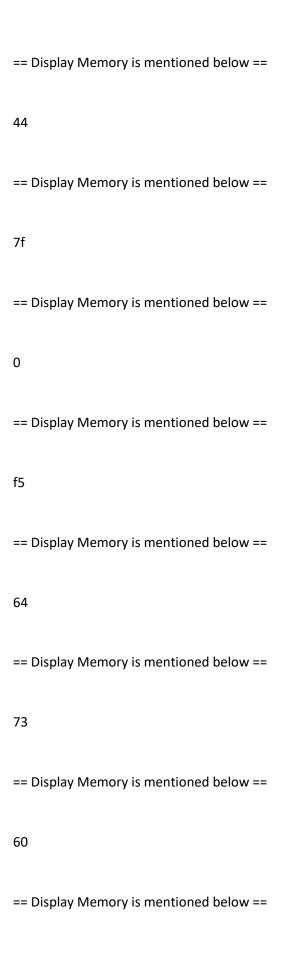== Display Memory is mentioned below ==

24

== Display Memory is mentioned below ==

8b

== Display Memory is mentioned below ==

40

== Display Memory is mentioned below ==

31

== Display Memory is mentioned below ==

44

== Display Memory is mentioned below ==

7f

== Display Memory is mentioned below ==

0

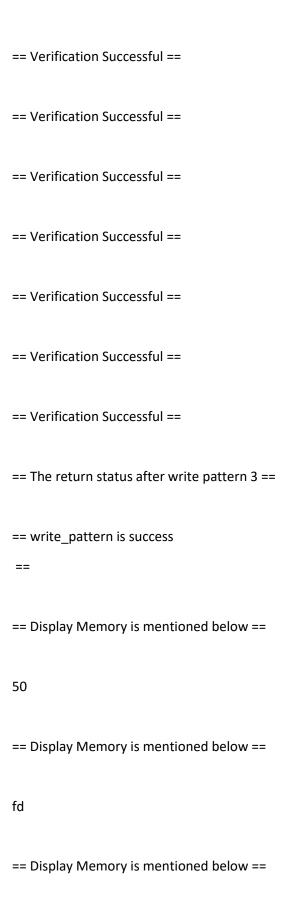== Display Memory is mentioned below ==

f5

== Display Memory is mentioned below ==

64

== Display Memory is mentioned below ==

73

== Display Memory is mentioned below ==

60

== Display Memory is mentioned below ==

59

== Display Memory is mentioned below ==

e4

== Display Memory is mentioned below ==

87

== 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 ==

50

== Display Memory is mentioned below ==

fd

== Display Memory is mentioned below ==

24

== Display Memory is mentioned below ==

8b

== Display Memory is mentioned below ==

ffee

== Display Memory is mentioned below ==

31

== Display Memory is mentioned below ==

44

== Display Memory is mentioned below ==

7f

== Display Memory is mentioned below ==

0

== Display Memory is mentioned below ==

f5

== Display Memory is mentioned below ==

64

== Display Memory is mentioned below ==

73

== Display Memory is mentioned below ==
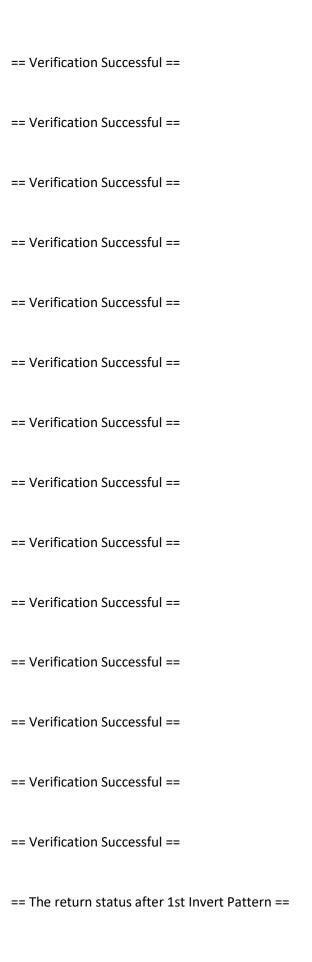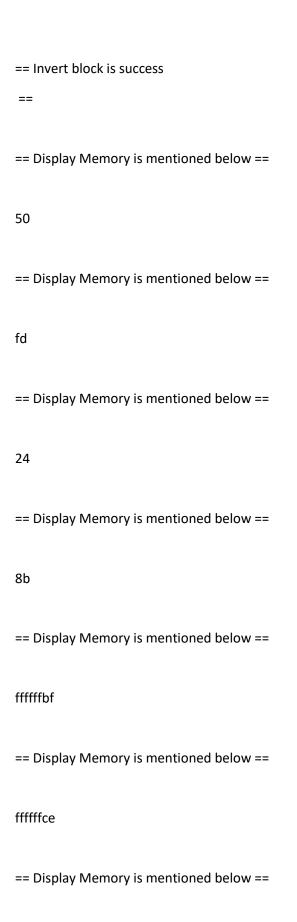
60

== Display Memory is mentioned below ==

59

== Display Memory is mentioned below ==

e4

== Display Memory is mentioned below ==

87

== 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 ==

50

== Display Memory is mentioned below ==

fd

== Display Memory is mentioned below ==

24

== Display Memory is mentioned below ==

8b

== Display Memory is mentioned below ==

40

== Display Memory is mentioned below ==

31

== Display Memory is mentioned below ==

44

== Display Memory is mentioned below ==

7f

== Display Memory is mentioned below ==

0

== Display Memory is mentioned below ==

f5

== Display Memory is mentioned below ==

64

== Display Memory is mentioned below ==

73

== Display Memory is mentioned below ==

60

== Display Memory is mentioned below ==

59

== Display Memory is mentioned below ==

e4

== Display Memory is mentioned below ==

87

== Verification Successful ==
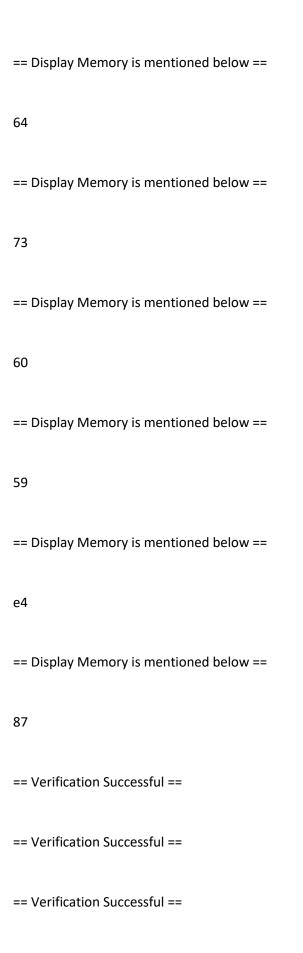
== Verification Successful ==

== 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 ==

50

== Display Memory is mentioned below ==

fd

== Display Memory is mentioned below ==

24

== Display Memory is mentioned below ==

8b

== Display Memory is mentioned below ==

ffffffbf

== Display Memory is mentioned below ==

ffffffce

== Display Memory is mentioned below ==

fffffffbb

== Display Memory is mentioned below ==

fffffff80

== Display Memory is mentioned below ==

0

== Display Memory is mentioned below ==

f5

== Display Memory is mentioned below ==

64

== Display Memory is mentioned below ==

73

== Display Memory is mentioned below ==

60

== Display Memory is mentioned below ==

59

== Display Memory is mentioned below ==

e4

== Display Memory is mentioned below ==

87

== 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 ==

50

== Display Memory is mentioned below ==

fd

== Display Memory is mentioned below ==

24

== Display Memory is mentioned below ==

8b

== Display Memory is mentioned below ==

40

== Display Memory is mentioned below ==

31

== Display Memory is mentioned below ==

44

== Display Memory is mentioned below ==

7f

== Display Memory is mentioned below ==

0

== Display Memory is mentioned below ==

f5

== Display Memory is mentioned below ==

64

== Display Memory is mentioned below ==

73

== Display Memory is mentioned below ==

60

== Display Memory is mentioned below ==

59

== Display Memory is mentioned below ==

e4

== Display Memory is mentioned below ==

87

== 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 ==