Assignment 3 Memory Exercise

Iteration 1

msg1   0x200 | T | h | I | s | | I | s | | t | h | e | | m | e | s | s | a | g | e | | t | o | | d | I | s | p | l | a | y | | o | n | | t | h | e | | f | I | r | s | t | | l | I | n | e |

line1   0x300 | | | | | | | | | | | | | | | | | | |

lnptr1   0x308 | 0 2 0 0 |

Iteration 2

msg1   0x200 | T | h | I | s | | I | s | | t | h | e | | m | e | s | s | a | g | e | | t | o | | d | I | s | p | l | a | y | | o | n | | t | h | e | | f | I | r | s | t | | l | I | n | e |

line1   0x300 | | | | | | | | | | | | | | | | | | |

lnptr1   0x308 | |

Iteration 3

msg1   0x200 | T | h | I | s | | I | s | | t | h | e | | m | e | s | s | a | g | e | | t | o | | d | I | s | p | l | a | y | | o | n | | t | h | e | | f | I | r | s | t | | l | I | n | e |

line1   0x300 | | | | | | | | | | | | | | | | | | |

lnptr1   0x308 | |

Iteration 4

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msg1   0x200 | T | h | I | s | | I | s | | t | h | e | | m | e | s | s | a | g | e | | t | o | | d | I | s | p | l | a | y | | o | n | | t | h | e | | f | I | r | s | t | | l | I | n | e |

line1   0x300 | | | | | | | | | | | | | | | | | | |

lnptr1   0x308 | |