⇒ Optimal

- Replace the page which's not used in longest dimension of time in future.

7, 0, 1, 2, 0, 3, 0, 4, 2, 3, 0, 3, 2, 1, 2, 0, 1, 7, 0, 1

4 frames

Miss | 7 | | | |

Miss | 0 | 7 | | |

Miss | 1 | 0 | 7 | |

Miss | 2 | 1 | 0 | 7 |

Hit | 2 | 1 | 0 | 7 | Page 7 last pr hai, so 7 replace with 3

Miss | 2 | 1 | 0 | 3 |

Hit | 2 | 1 | 0 | 3 | Page 1 last pr hai, so 1 replace with 4

Miss | 2 | 4 | 0 | 3 |

Hit | 2 | 4 | 0 | 3 |

Hit | 2 | 4 | 0 | 3 |

Hit | 2 | 4 | 0 | 3 |

Hit | 2 | 4 | 0 | 3 |

Hit | 2 | 4 | 0 | 3 | Page 4 replace with 1

Miss | 2 | 1 | 0 | 3 |

Hit | 2 | 1 | 0 | 3 |

Hit | 2 | 1 | 0 | 3 |

Hit | 2 | 1 | 0 | 3 | Page 3 replace with 7

Miss | 2 | 1 | 0 | 7 |

Hit | 2 | 1 | 0 | 7 |

Hit | 2 | 1 | 0 | 7 |