

2, 3 Tricky
2 take-home Q, 5, 6

Scratch

$x < 2$
 $\rightarrow 0 < 2$
 $\rightarrow \text{True}$



Stack

main |

f2 | ~~$x = 5$~~

f1 |

f1 |

f2 | ~~$x = 7$~~

f1 |

Printed output

Hello there
Goodbye

Hello there
Hello there

Scratch

$s[i] = s[0] = 'e'$

$s[1] = 'x'$

$'x' \leq 'm' = \text{False}$

Stack

man3

top

$s = 'exam'$

$i = \cancel{0} \cancel{1} \cancel{2} \cancel{3} 4$

$k = \cancel{0} \cancel{1} \cancel{2} 3$

3

top

Count # of
letters \leq in

4

Printed output

3

4