HW 4\_1

Before Thread

Printing from Thread i>5

Printing from Thread i>1

from i>5: 40

from i>1: 40

from i>5: 39

from i>1: 38

from i>5: 37

from i>5: 35

from i>1: 36

from i>5: 34

from i>1: 33

from i>5: 32

from i>1: 31

from i>5: 30

from i>1: 29

from i>5: 28

from i>1: 27

from i>5: 26

from i>1: 25

from i>5: 24

from i>5: 22

from i>5: 21

from i>1: 23

from i>5: 20

from i>1: 19

from i>5: 18

from i>1: 17

from i>5: 16

from i>5: 14

from i>1: 15

from i>1: 12

from i>1: 11

from i>1: 10

from i>1: 9

from i>1: 8

from i>1: 7

from i>1: 6

from i>1: 5

from i>1: 4

from i>1: 3

from i>1: 2

final from i>1: 1

from i>5: 13

final from i>5: 0

Exit Thread

-----Before Thread

Printing from Thread i>1

Printing from Thread i>5

from i>1: 1

from i>5: 1

After Thread

Before Thread

Printing from Thread i>5

Printing from Thread i>1

final from i>5: 5

final from i>1: 1

Exit Thread

Q2? Answer

Since the code is following C++ semantics,

From loop1, since most of the time the condition satisfies loop 1, the minimum value possibly obtained would be -1, and it goes through loop towards the end, when i=0 , the maximum value possibly obtained would be 1.

-1 , 1

HW 4\_2

Before Thread

Printing from Thread i<1

Printing from Thread i>-1

final from i<1: 6

final from i>-1: -1

Exit Thread

Before Thread

Printing from Thread i>-1

Printing from Thread i<1

from i>-1: 4

from i<1: 5

from i>-1: 4

final from i<1: 4

from i>-1: 3

from i>-1: 2

from i>-1: 1

from i>-1: 0

Exit Thread

Before Thread

Printing from Thread i>-1

Printing from Thread i<1

final from i>-1: -1

final from i<1: 1

Exit Thread

Hw 4\_3

Before Thread

Printing from Thread2 i<4

Printing from Thread1 i<4

final from thread 2: i=4 x=8

final from thread 1: i=4 x=8

Exit Thread

Before Thread

Printing from Thread1 i<4

from thread 1: i=2 x=2

Printing from Thread2 i<4

from thread 1: i=3 x=4

from thread 2: i=4 x=8

final from thread 1: i=4 x=8

final from thread 2: i=4 x=8

Exit Thread

Hw 4\_4

Before Thread

Printing from Thread1

Printing from Thread2

from thread 1: i=101

final from thread 2: i=101 j=100

final from thread 1: i=101 j=100

Exit Thread

Before Thread

Printing from Thread1

Printing from Thread2

final from thread 1: i=101 j=100

final from thread 2: i=101 j=100

Exit Thread