1. How many threads are in Pthread0.c? Where is the stack space for threadFunction()? Where is the stack space for main()?

*Answer:*

Main memory

Int main()

{

.

.

.

}

void\* threadFunction(void \*value)

{

int \*x = (int\*) value;

while (\*x < 5)

{

usleep(1000);

(\*x)++;

}

return x;

}

Stack space for threadFunction()

Stack space for main() function

Available stack space

0x00000000

0xFFFFFFFF

Thread base address/ stack origin

Stack pointer

PC