## Homework - More on while, do... while loop

Trace the following program:

Program	Memory	Output
<pre>int d = 10; while (d &gt; 5) {     d = d - 2;     System.out.println (d); }</pre>	d (int): 10 8 6 4	8 6 4
<pre>int x = 15; int y = 4; do {     System.out.println(x);     x = x - 4; } while (x &gt; y);</pre>	x (int): <del>15</del> <del>11</del> <del>7</del> 4 y (int): 4	15 11 7
<pre>int input, min; System.out.print ("Enter a number: "); input = sc.nextInt (); min = input;  while (input != -1) {    if (input &lt; min)     {       min = input;     }    System.out.print ("Enter a number: ");    input = sc.nextInt (); } System.out.println (min);  Assume the user enters the following in order: 23 45 67 95 86 6 93 6 -1</pre>	input (int): 23 45 67 95 86 6 93 6 -1  min (int): 23 6	Enter a number: 6

```
int x = 3;
int y = 15;
do
{
    x = x + 3;
    y = y - 1;
    System.out.println (x);
} while (x != y);

x (int):
3 6 9 12

y (int):
15 14 13 12
```