Day 1, puzzle 6



$$f_{0}(\pi, 8) = 6 \qquad f_{0}(\varphi, 11) = 7$$

$$f_{1}(9) = 57 \qquad f_{1}(|) = 124$$

$$f_{2}(11,3) = 102 \qquad f_{2}(17,16) = 11$$

$$f_{3}(8,3) = 2 \qquad f_{3}(81,4) = 3$$

$$f_{4}(x) = \begin{cases} x \% 6 == 0 \qquad f_{4}\left(\frac{x}{3}\right) - 7$$

$$x \le 0 \qquad 19$$

$$x \text{ is prime} \qquad f_{4}(x+1) + (2 * x)$$

$$else \qquad f_{4}(x-5) + 5$$

 $f_2(f_4(f_1(s)) * (f_3(2187,7) / f_0(f_3(3,2),3)), 11) = ?$ 

Puzzle code CGj4aXjhU3

East

This puzzle is part of the puzzle hunt Pandora of I.C.T.S.V. Inter-Actief that exclusively takes place from 15 May through 19 May. Please leave the puzzle in this exact spot. It will be removed by the organization after the event. For more questions refer to www.iapandora.nl or call +31 6 83822397.