$a_n = (\text{reverse}(((\min(\text{reverse}((a_{n-1} + a_{n-2})), a_{n-1}, a_{n-1}) + 1) + n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-3}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}), n)) - \min(((a_{n-2} + 1) + 1), \max(a_{n-2}, a_{n-2}, a_{n-2}))) - \min(((a_{n-2} +$