EXPERIMENT 22

Prolog program for implementing fibanocci series

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| --- |
| fib(0,1). |
|  | fib(1,1). |
|  | fib(N,F) :- N > 1, fib(N,1,1,F). |
|  | fib(2,F1,F2,F) :- F is F1 + F2. |
|  | fib(N,F1,F2,F) :- N > 2, N1 is N - 1, NF1 is F1 + F2, |
|  | fib(N1,NF1,F1,F).  OUTPUT |