

Assignment 3

1. W.A.P.P to find factorial of a number.

2. W.A.P.P to print Fibonacci series.

The Fibonacci sequence $f(1)$, $f(2)$, $f(3)$...is:

1, 1, 2, 3, 5, 8, 13, 21, 34, 55....

Example:

?- fib (6, R).

R = 8

3. W.A.P.P to finding the greatest common divider (GCD) and the least common multiple (LCM) of two integers.

4. W.A.P.P.

A. To find length of the list.

B. To find first and last element of the list.

C. To find the n^{th} element of the list.

D. To increment each number in the list.

E. To reverse the list.

F. To verify if a list has an even number of elements.

G. To count vowels in the list

H. To remove duplicates from the list.