```
C := for i in 1, n cross j in 1, n
         Element := for k in 1, n
           returns value of sum A[i,k] * B[k,j]
         end for
       returns array of Element
     end for;


for initial
    i := 1; x := y[1];
while i < n repeat
    i := old i + 1;
    x := old x + y[i];
  returns array of x
end for;
```

Examples using Sisal.