

P4.

quiere

```
module Fibonacci (....);
```

```
function automatic integer Fib;  
input [2:0] op;
```

```
begin
```

```
  if (op == 0)
```

```
    Fib = 0;
```

```
  else if (op == 1 || op == 2)
```

```
    Fib = 1;
```

```
  else if (op > 2)
```

```
    Fib = Fib(op-1) + Fib(op-2);
```

```
end
```

```
endfunction
```

```
Fib
```

```
assign Fibo = Fib(n)
```

```
end module
```