```
channel values(int);

process Producer {
  int data[n];
  for [i = 0 to n-1] {
    do some computation;
    synch_send values(data[i]);
  }
}

process Consumer {
  int results[n];
  for [i = 0 to n-1] {
    receive values(results[i]);
    do some computation;
  }
}
```

Producer/consumer example using synchronous message passing.