

```
1 program question6
2   implicit none
3   integer :: i, numberOfSequences, n1, n2, result
4
5   print *, "Insira a quantidade de vezes que o algoritmo irá repetir"
6   read *, numberOfSequences
7
8   n1 = 0
9   n2 = 1
10  print *, n1
11  print *, n2
12  do i = 3, numberOfSequences
13      result = n1 + n2
14      print *, result
15      n1 = n2
16      n2 = result
17  end do
18
19 end program question6
```