Какой тип у foo?

1. ```
foo (n,c) []   = n
foo (n,c) (x:xs) = c (x, foo (n,c) xs)
```

2. ```
foo f [] _ = []
foo f (x:xs) i = f i x (foo f xs)
```

3. ```
newtype Fix f = Fix (f (Fix f))
out (Fix x) = x

foo phi = phi . fmap (foo phi) . out
```

4. ```
newtype Fix f = Fix (f (Fix f))
in  x  = Fix x

foo  psi = in  . fmap (foo  psi) . psi
```