Assignment 2 Question 4

The type given by the definition of `bad_repeated` is
```
val bad_repeated = fn :(('a -> 'a) -> 'a) -> int -> 'a -> 'a
```
while it should have been
```
val bad_repeated = fn :('a -> 'a) -> int -> 'a -> 'a
```

To fix this, we should have applied the function returned by `bad_repeated`
to (`f x`) instead of applying `f` to the function returned by `bad_repeated`
The actual working code for `bad_repeated` is

```
fun bad_repeated f n =
   fn x => if (n=0) then x
   else (bad_repeated f (n-1))(f x)
```