

A tour of Nix

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In Nix you are frequently using multiline `strings` to create text files using two quotes, i.e. `'xxx'` in combination with attributes:

```
foo = ''
  foo: ${fooValue}
  bar: ${barValue}
'';
```

Read <https://nixos.org/manual/nix/stable/language/values> about string handling in Nix!

So now:

- Format `ex0` as wanted by the solution checker!

Note: Play a little with the space indentation depth and see what change it imposes on the generated string.

Note: If `vip` is `false`, we get an empty newline with indentation! We could also append the `vipString` to `ex0` like `ex0 = '...' + vipString` and rewrite `vipString` with `"` instead of `'` to fix this as `"` won't remove our leading spaces.

Note: See video [@youtube](#)

```
1 let
2   user = "mrNix";
3   pass = "99supersecret";
4   vip = true;
5   vipString = if vip == true then 'vip: XXX ' else XXX
6 in
7 {
8   ex0 = ''
9     ${user}
10      password: XXX
11      ${vipString}
12  '';
13 }
14
```

reset

solution

run

```
let
  user = "mrNix";
  pass = "99supersecret";
  vip = true;
  vipString = if vip == true then 'vip: "true" ' else "";
in
{
  ex0 = ''
    ${user}
    password: ${pass}
    ${vipString}
  '';
}
```