```
U39DE7RQ9 : <@U48AEBJQ3> thanks, I will try that!
U39DE7RQ9: <@U48AEBJQ3>, now that code seems to compile. The next problem is that in my subscriptions I need
to point to messages that resides in my HomePage module. The compiler says:"
23:08:12 client.1 | The type annotation for `subscriptions` says it always returns:
23:08:12 client.1
                     Sub Msa
23:08:12 client.1 | But the returned value (shown above) is a:
23:08:12 client.1 |
                     Sub HomePage.Msg
U39DE7RQ9: I know it is possible to map messages some how but I cant find how.
U48AEBJQ3: <@U39DE7RQ9> <a href="http://package.elm-lang.org/packages/elm-lang/core/5.1.1/Platform-Sub#map">http://package.elm-lang.org/packages/elm-lang/core/5.1.1/Platform-Sub#map</a>
U48AEBJQ3: You need something of `HomePage.Msg -> Msg`
U48AEBJQ3: Usually a constructor of `Msg`
U39DE7RQ9: <@U48AEBJQ3> a function that encapsulates HomePage.Msg in a Msg?
U48AEBJQ3: Right, usually a tag of 'Msg'
type Msg
 | SubscriptionEvent HomePage.Msg
U39DE7RQ9: Im sorry <@U48AEBJQ3> but I cannot seem to puzzle this out by my self. I have added
`SubscriptionEvent HomePage.Msg` message but my subscriptions look like this tight now and it does not compile.```
subscriptions: Model -> Sub Msg
subscriptions model =
  Sub.batch
    [ gotAllPublicForms (SubscriptionEvent (HomePage.GotAllPublicFormsMsg <&lt; decodeValue
isonFormListDecoder))
     , gotForm (SubscriptionEvent (HomePage.GotFormMsg <&lt; decodeValue jsonFormDecoder))
    ]
U39DE7RQ9: My ports look like this: ```
port getAllPublicForms: () -> Cmd msg
port gotAllPublicForms: (Json.Decode.Value -> msg) -> Sub msg
port getForm: FormId -> Cmd msg
port gotForm: (Json.Decode.Value -> msg) -> Sub msg
U39DE7RQ9: The compiler says: ```
23:44:13 client.1 | 267|
                             gotAllPublicForms (SubscriptionEvent (HomePage.GotAllPublicFormsMsg <&lt;
decodeValue jsonFormListDecoder)
23:44:13 client.1 |
^^^^^^
23:44:13 client.1 | Function `gotAllPublicForms` is expecting the argument to be:
                     Value -> Msg
23:44:13 client.1 |
23:44:13 client.1 | But it is:
23:44:13 client.1 |
U48AEBJQ3: <@U39DE7RQ9> There are different places to tackle this from. I think from how you are doing it here,
you need `gotAllPublicForms (SubscriptionEvent < &lt; HomePage.GotAllPublicFormsMsg &lt; &lt; decodeValue
isonFormListDecoder)`
U69D8R59S: Good way to call a function N times? In my specific case, I'm trying to simulate a dice roll by updating my
model with random values for a few seconds.
U153UK3FA: <@U69D8R59S> calling a function N times really depends on what you want to do with the N results
U153UK3FA: do you want a list of these results?
```

U69D8R59S: I want to replace a property on my model N times

U69D8R59S: Yes, exactly!: slightly smiling face:

U153UK3FA: ah, wanting to animate a die face by having it transition between numbers?

U153UK3FA: http://package.elm-lang.org/packages/mdgriffith/elm-style-animation/latest is nice for doing animation U69D8R59S: Thank you. I think I can see a way to use animation to fit my needs.

As a different challenge, what would be a good way to accomplish this without animation? Let's say my view was simply displaying a value from my model, and elsewhere in my application, that value was being updated N times every second or so.

U69D8R59S: I can see a way in JavaScript: a loop with setTimeout. But the paradigm shift has been challenging for me. I'm mostly curious for the education.

U153UK3FA: You'd likely have a subscription to `Time.every` and have a case in your `update` that produced a Cmd from `Random.generate` and a another case to update the model with the result of that Cmd

U153UK3FA: http://package.elm-lang.org/packages/elm-lang/core/5.1.1/Time#every

U153UK3FA: http://package.elm-lang.org/packages/elm-lang/core/5.1.1/Random#generate

U69D8R59S: With that method, are you envisioning an additional property to track when N operations has been reached--since `Time.every` would run indefinitely

U153UK3FA: yep

U153UK3FA: and you just drop the subscription once you've reached that number

U69D8R59S: Excellent. Thank you very much!

U1ZFF0E5P: can someone explain to me the following: ```> (,)<function> : a -> b -> (a, b)

> (,,)

<function> : a -> b -> c -> (a, b, c)

...

the `(,)` or `(,,)` part is special elm syntax right? or is it like say `map7` and has only a finite amount of them defined?

U1ZFF0E5P: (can't seem to find anything in elm-core)

U153UK3FA: there is a finite amount of them

U153UK3FA: `(,,,,,,)` is the limit

U153UK3FA: it's also special syntax and not a definable operator

U57KYFW67: Are there any packages which expose access to local storage?

U153UK3FA: <@U57KYFW67>

https://github.com/elm-lang/projects/blob/master/roadmap.md#where-is-the-localstorage-package

U57KYFW67: tyty

U2DF486HL: Hi, in my elm app I use this kind of Routes "/#/myroute". Can I start my app with one of this routes? Bear in mind that my app entrypoint is a url like "/pathto/elmView/" in django, from where I take some flags for initialization

U1ZFF0E5P: you want to use a program from the Navigation package