Some code template

Some shell code.

Some shell code for a Marlowe contract.

```
When
    [Case
        (Deposit
            (Role "Alice")
            (Role "Alice")
            (Token "" "")
            (Constant 10)
        (When
            Case
                 (Deposit
                     (Role "Bob")
                     (Role "Bob")
                     (Token "" "")
                     (Constant 10)
                 (When
                     [Case
                         (Choice
                             (ChoiceId
                                  "Winner"
                                 (Role "Charlie")
```

```
[Bound 1 2]
                    (If
                         (ValueEQ
                             (ChoiceValue
                                 (ChoiceId
                                     "Winner"
                                     (Role "Charlie")
                                 ))
                             (Constant 1)
                        (Pay
                             (Role "Bob")
                             (Account (Role "Alice"))
                             (Token "" "")
                             (Constant 10)
                             Close
                        (Pay
                             (Role "Alice")
                             (Account (Role "Bob"))
                             (Token "" "")
                             (Constant 10)
                             Close
                    )]
                1682551111000 Close
        1682552111000 Close
    )]
1682553111000 Close
```

Two haskell types.

Some Haskell code.

```
{-# LANGUAGE DataKinds
                                #-}
{-# LANGUAGE ImportQualifiedPost #-}
{-# LANGUAGE NoImplicitPrelude
                                #-}
{-# LANGUAGE OverloadedStrings
                                #-}
{-# LANGUAGE TemplateHaskell
                                #-}
module FortyTwo where
import qualified Plutus.V2.Ledger.Api as PlutusV2
         PlutusTx
              PlutusTx (BuiltinData, compile)
PlutusTx.Builtins as Builtins (mkI)
import
import
import PlutusTx.Prelude (otherwise, traceError, (==))
mk42Validator :: BuiltinData -> BuiltinData -> BuiltinData ->
mk42Validator _ r _
    r == Builtins.mkI 42 = ()
    otherwise = traceError "expected 42"
{-# INLINABLE mk42Validator #-}
validator :: PlutusV2.Validator
validator = PlutusV2.mkValidatorScript $$(PlutusTx.compile)
                                        [|| mk42Validator ||])
saveVal :: IO
saveVal = writeValidatorToFile "./redeemer42.plutus" validator
```

I'm refering to the mkGiftValidator function and the BuiltinData data type.

Some typescript code.

```
"insert your own api key here"
  "Preview"
);
lucid.selectWalletFromSeed(secretSeed);
const addr: Address = await lucid.wallet.address();
console.log(addr);
async function vestFunds(amount: bigint): Promise<TxHash> {
    const dtm: Datum = Data.to<VestingDatum>(datum, VestingDatum);
    const tx = await lucid
      .newTx()
      .payToContract(vestingAddress, { inline: dtm }, { lovelace: amount })
      .complete();
    const signedTx = await tx.sign().complete();
    const txHash = await signedTx.submit();
    return txHash
console.log(await vestFunds(100000000n));
```