

# Test Assignment

## Frontend Developer

Create a website that will display the prices of different cryptocurrencies. The prices will be fetched from a 3rd party GraphQL API service.

Task description:

- Use React, Apollo and hooks.
- Create a website that looks similar to preview.png.
- The required images are in “assets” folder.
- The exact colours, fonts and text sizes used are not important.
- User can add cryptocurrencies to the list by entering their codes ("BTC", "XRP", "BNB" etc.)
- User can see the list of added currencies together with their EUR prices.
- User can remove the cryptocurrencies from the list.
- The EUR price is fetched from an API service.

An example query to fetch the current EUR value of BTC currency:

<https://api.blocktap.io/graphql>

```
query price {  
  markets(filter:{ baseSymbol: {_eq:"BTC"} quoteSymbol: {_eq:"EUR"}}) {  
    marketSymbol  
    ticker {  
      lastPrice  
    }  
  }  
}
```

You can explore the Graphiql interface for that API at <https://api.blocktap.io/graphiql>

You may also use any other GraphQL API service to fetch the prices from.

Sample JSON response from the request above:

```
{  
  "data": {  
    "markets": [  
      {
```

```
    "marketSymbol": "Binance:BTC/EUR",
    "ticker": {
      "lastPrice": "8791.81000000"
    }
  },
  {
    "marketSymbol": "BinanceJe:BTC/EUR",
    "ticker": {
      "lastPrice": "8814.64000000"
    }
  },
  {
    "marketSymbol": "Bitfinex:BTC/EUR",
    "ticker": {
      "lastPrice": "8757.80000000"
    }
  },
  ...
```

You can use the price from any of the markets.