Homework 7

Functions

Question 1

Complete the following query function
The query function should revert if the function type `test` passed is a standard ERC20 transfer function.

```
  function query(bytes memory data, function(uint) external test)
 public {
 ...

  }
```

Question 2

The following function checks a function call passed in the data parameter.

```
  function checkCall(bytes calldata data) external{

  }
```

The data parameter is bytes encoded representing the following

Function selector
Target address
Amount (uint256)

Complete the function body.

The function should revert if the function is not an ERC20 transfer function. Otherwise extract the address and amount from the data variable and emit an event with those details

```
  event transferOccurred(address,uint256);
```