

# Homework 7 Answers

## Answers

1.

```
function query(uint _amount, address _receiver, function(uint,address) external
returns (bool) erc20) public {

bool a = erc20(_amount,_receiver);

require(a,"transfer error");

}
```

2.

```
function checkCall(bytes calldata data) external {
    bytes4 funcSelector = bytes4(data);
    require(funcSelector==0xa9059cbb);
    (address target, uint256 amount) = abi.decode(data[4:], (address,
uint256));
    emit transferOccurred(target,amount);
}
```