//Promise((resolve, reject)=>{

//resolve => then();

//reject => error();

function f1() {

return new Promise(function(resolve, reject) {

setTimeout(()=>{

console.log("First I should be printed");

resolve("jo bhi main pass karu");//==> it triggers then()

//data fetch => 2 possibilities

//data aayega => resolve(data), ya nahi aayega // reject(new Error('data not available'))

});

});

}

f1().then((data)=>{

console.log( data);

return "second wala return ";

}).then((data)=>{console.log(data)}).catch(()=>{console.log("error")});

function doSomething() {

return new Promise((resolve, reject) => {

console.log("doSomething It is done.");

// Succeed half of the time.

const random = Math.random() ;

if (random > .5) {

resolve("doSomething SUCCESS"+random)

} else {

reject("doSomething FAILURE"+random)

}

})

}

function doSomethingElse(result) {

return new Promise((resolve, reject) => {

console.log("doSomethingElse It is done.", result, random);

// Succeed half of the time.

const random1 = Math.random() ;

if (random > .5) {

resolve("doSomethingElse SUCCESS"+random1)

} else {

reject("doSomethingElse FAILURE"+ random1)

}

})

}

doSomething().then(function(result) {

return doSomethingElse(result);

}).then(function(finalResult) {

console.log('Got the final result: ', finalResult);

})

.catch((error)=> console.log("error is",error));

function p1() {

return new Promise((resolve, reject) => {

resolve("p1 SUCCESS")

})

}

function p2() {

return new Promise((resolve, reject) => {

resolve("p2 SUCCESS")

})

}

Promise.all([p1(),p2()]).then(([p1result, p2result])=>{

console.log({p1result, p2result});

});

function p1() {

return new Promise((resolve, reject) => {

resolve("p1 SUCCESS")

})

}

function p2() {

return new Promise((resolve, reject) => {

resolve("p2 SUCCESS")

})

}

//chaining

p1().then((p1Result)=>{

return p2(p1Result);

}).then((p2Resulet)=>{

});

//parallel

Promise.all([p1(),p2()]).then(([p1result, p2result])=>{

console.log({p1result, p2result});

});

$.ajax({

url:'/some/url/i/am/gona/hit',

data:JSON.stringify({name:'value'}),

method:'POST'

success:function(result){ console.log(resulet)},

error:function(){}

});

$.ajax({

url:'/some/url/i/am/gona/hit',

data:JSON.stringify({name:'value'}),

}).done(function(result){ console.log(resulet)})

.catch(function(){});

$.get('/some/url/i/am/gona/hit').done().catch();

$.post('/some/url/i/am/gona/hit',{name:'value'}).done().catch();

$.ajax({

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data:JSON.stringify({name:'value'}),

method:'POST'

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}).done(function(result){ console.log(resulet)})

.catch(function(){});

$.get('/some/url/i/am/gona/hit').done().catch();

$.post('/some/url/i/am/gona/hit',{name:'value'}).done().catch();

p1=new Promise((resolve, reject)=>{

$.ajax({

url:'/some/url/i/am/gona/hit',

data:JSON.stringify({name:'value'}),

method:'POST'

success:function(result){

resolve(result);

},

error:function(){

reject(new Error('something went wrong'));

}

});

});