



# EXECUTION ORDER

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## INSTRUCTIONS

Hit the URL and the pass the params directly in the URL

localhost:8081/PRINT/HELLO/10

## OBSERVATION

EVERY TYPE OF HANDLER IS USED IN THIS EXAMPLE  
TO DISCOVER THE EXECUTION ORDER OF THE  
HANDLERS

## CONSOLE OUTPUT

```
ExpressJS is running on port 8081
Middleware
Param Handler
msg = hello
Param Handler
times = 10
Filter Function
Main Handler
```





# INDEX.JS



```
var express = require('express');
var app = express();

app.use(function(req,res,next){
  console.log("Middleware");
  next();
})

app.param("msg",function(req, res, next, msg){
  console.log("Param Handler");
  console.log(`msg = ${msg}`);
  next();
})

app.param("times",function(req, res, next, times){
  console.log("Param Handler");
  console.log(`times = ${times}`);
  next();
})

app.get('/print/:msg/:times',

function(req,res,next){
  console.log("Filter Function")
  next();
},

function (req, res) {
  console.log("Main Handler");
  var times = req.params.times;
  var message = req.params.msg;
  if(times === undefined){
    times = 10;
  }
  else
  {
    times = parseInt(times);
  }
})
```





```
}  
if(message === undefined){  
    message = "Hello World";  
}  
var data = "";  
for(var i = 0 ; i < times ; i++){  
    data += "<h1>" + message + "</h1>";  
}  
res.send(data);  
}  
  
);  
  
app.listen(8081, function () {  
    console.log('ExpressJS is running on port 8081');  
});
```

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