

2024.04.12

left join 하는법

```
SELECT * FROM Bookshop.books LEFT  
JOIN category ON books.category_id = category.id;
```

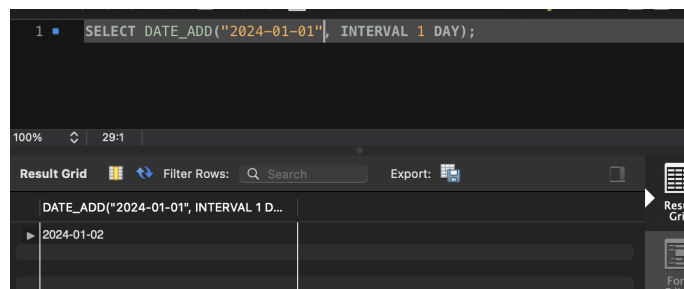
```
SELECT * FROM Bookshop.books LEFT  
JOIN category ON books.category_id = category.id WHERE books.id
```

출력할 때만 별칭으로 하는법

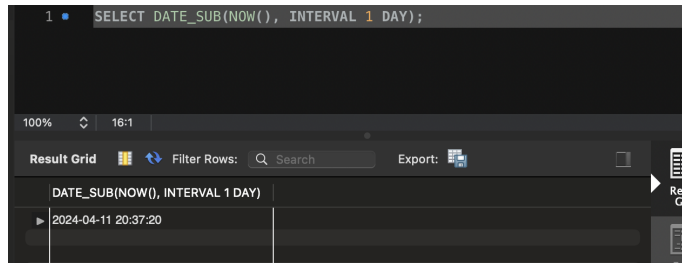
```
SELECT name AS category_name FROM Bookshop.category;
```

데이터베이스 시간 범위 구하기

- 시간 더하기
DATE_ADD(기준 날짜, INTERVAL)



- 시간 빼기
DATE_SUB(기준 날짜, INTERVAL)



- 시간 범위를 설정해서 SELECT
`SELECT * FROM books WHERE pub_date BETWEEN DATE_SUB(NOW(), INTERVAL 1 MONTH) AND NOW();`

```
const allBooks = (req,res) => {  
  let {category_id, news} = req.query;  
  let sql = "SELECT * FROM books";  
  let values = [];  
  if(category_id && news){  
    sql += "WHERE category_id = ? AND pub_date BETWEEN DATE_SUB(NOW(), INTERVAL 1 MONTH) AND NOW()";  
    values = [category_id, news];  
  }else if(category_id){  
    sql += "WHERE category_id = ?";  
    values = [category_id];  
  }else if(news){  
    sql += "WHERE pub_date BETWEEN DATE_SUB(NOW(), INTERVAL 1 MONTH) AND NOW()";  
    values = [news];  
  }  
  conn.query(sql, values, (err,results) => {  
    if(err){  
      console.log(err);  
      return res.status(StatusCode.BAD_REQUEST).end();  
    }  
    if(results.length){  
      return res.status(StatusCode.OK).json(results)  
    }  
  })  
}
```