

1. API 연동 프로그램 데이터 조회

1. 종목(삼성전자)의 테마 이름 조회

```
@Select("select code, tema_name from stock_info where \n      + "code = (Select code from stock_kospi where code_name = #{codeName})")\npublic ComentoModel getThemaName(String codeName);
```

Postman interface showing a GET request to retrieve the theme name for Samsung Electronics.

Request URL: `http://localhost:8080/comento/biz/code/theme?codeName=삼성전자`

Query Params:

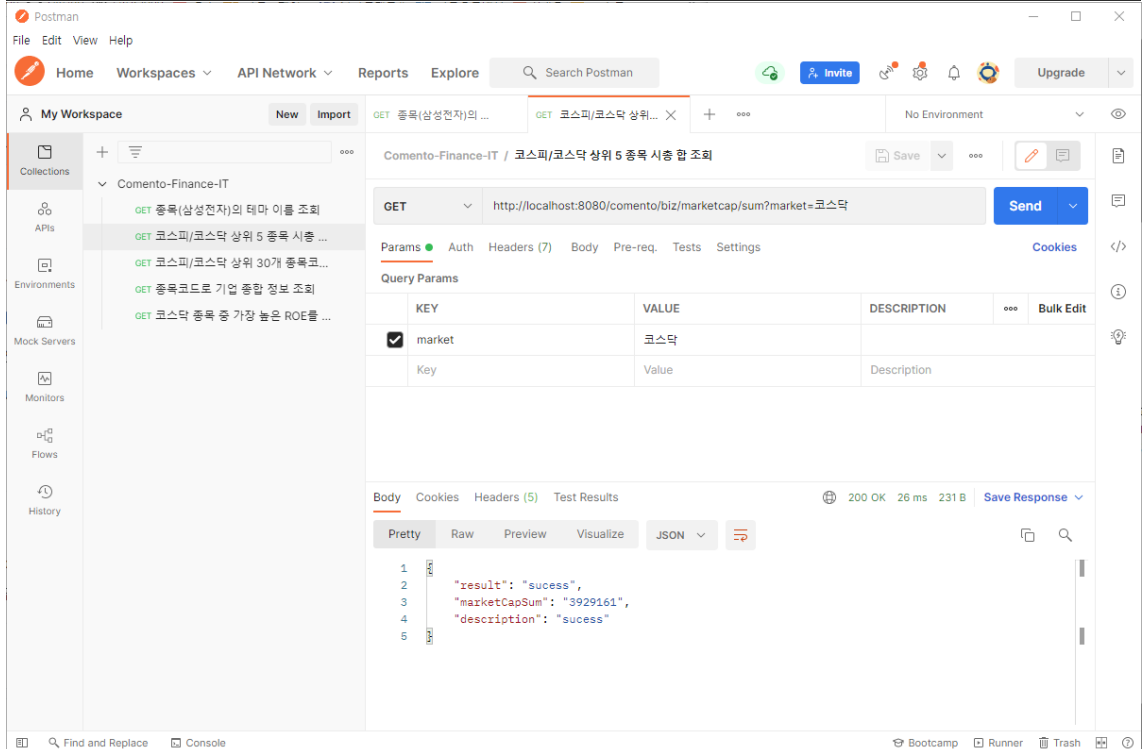
KEY	VALUE	DESCRIPTION
codeName	삼성전자	
Key	Value	Description

Response (JSON):

```
{
  "result": "success",
  "theme_name": "반도체_생산",
  "description": "sucess"
}
```

2. 코스피 상위 5 종목 시총 합 조회 (주식 금융정보 기준 일자 - 2021.01.07)

```
@Select("select sum(market_cap) market_cap from stock_finance a where \n"
+ " code in (select code from stock_info where stock_market = #{market})\n"
+ " and date = '20210107'\n"
+ " order by market_cap desc\n"
+ " limit 5;")
public ComentoModel getMarketSum(String market);
```



Postman interface showing the API call and response.

GET `http://localhost:8080/comento/biz/marketcap/sum?market=코스닥`

Query Params

KEY	VALUE	DESCRIPTION
market	코스닥	

Body

```
{
  "result": "success",
  "marketCapSum": "3929161",
  "description": "success"
}
```

3. 코스피/코스닥 상위 30 개 종목코드, 종목명 조회

```
@Select("select code, (select code_name from stock_kosdaq s where s.code = a.code) code_name from stock_finance a where \n" +\n" + " code in (select code from stock_info where stock_market = #{market})\n" +\n" + " and date = '20210107'\n" +\n" + " order by market_cap desc\n" +\n" + " limit 30;")\npublic List<ComentolListModel> getCode30(String market);
```

Postman interface showing a GET request to `http://localhost:8080/comento/biz/code/30?market=코스닥`. The response is a JSON object:

```
{
  "result": "success",
  "description": "success",
  "codeList": [
    {
      "code": "091990",
      "code_name": "셀트리온헬스케어"
    },
    {
      "code": "068760"
    }
  ]
}
```

4. 종목코드로 기업 종합 정보 조회

```
@Select("select code,\n\n+ "      (select code_name from stock_kosdaq s where s.code = a.code) code_name,\n+ "      (select thema_name from stock_info s where s.code = a.code) thema_name,\n+ "      sub_price,\n+ "      ROE,\n+ "      PER\n+ "from stock_finance a\n+ "where code = #{code}\n+ "AND date = '20210107';")\npublic ComentoDetailModel getCodeDetail(String code,String market);
```

The screenshot shows the Postman interface with a GET request to `http://localhost:8080/comento/biz/code/detail?code=091990`. The request is part of a collection named 'Comento-Finance-IT' with the title '종목코드로 기업 종합 정보 조회'. The query parameter 'code' is set to '091990'. The response is a JSON object with the following data:

KEY	VALUE	DESCRIPTION
code	091990	
Key	Value	Description

The response body is displayed in the 'Body' tab, showing a JSON object with the following fields:

```
{
  "result": "success",
  "code": "091990",
  "thema_name": null,
  "description": "success",
  "ROE": "3.9",
  "sub_price": "128248",
  "PER": "359.14",
  "code_name": "셀트리온헬스케어"
}
```

5. 코스닥 종목 중 가장 높은 ROE 를 가진 종목의 정보 조회

```
@Select("select code,\n      + "      (select code_name from stock_kospi s where s.code = a.code) code_name,\n      + "      (select thema_name from stock_info s where s.code = a.code) thema_name,\n      + "      sub_price,\n      + "      MAX(ROE) AS ROE,\n      + "      PER \n      + "from stock_finance a\n      + "where date = '20210107';")\npublic ComentoDetailModel getMaxRoe(String market);
```

The screenshot shows the Postman interface with a GET request to `http://localhost:8080/comento/biz/code/maxRoe?market=거래소`. The request is part of a collection named 'Comento-Finance-IT'. The response is a JSON object with the following data:

KEY	VALUE	DESCRIPTION
market	거래소	
Key	Value	Description

The response body is displayed in the 'Body' tab, showing a JSON object with the following fields:

```
{
  "result": "success",
  "code": "155660",
  "thema_name": null,
  "description": "success",
  "ROE": "1165.6",
  "sub_price": "4410",
  "code_name": "DSR"
}
```