**Note:** I have introduced another **@Transient strAmount** field for the double amount to String amount convert. So need to change the request field **amount** to **strAmount**

**Questionnaire 1 to 5 answer in attached question-answer file**

**1.1 Answer in attached SQL file**

**2.1) Basic spring-boot application**

Application name: spring-boot

Server port:8080

Endpoints:

GET - <http://localhost:8080/index>

POST - http://localhost:8080/dotransaction

Request Body

{

"requestId": "A32W4ER2357",

"requester": "XYZ App",

"transactionType": "VFJBTlNGRVI=",

"sourceAccountNumber": "MzIzNDEyMDA5MjM0ODc=",

"strAmount": "MTUwMC41MA==",

"destinationAccountNumber": "MDAxMjQxMDA5MjExNDM5",

"note": "Transferring amount"

}

**2.2 ) Microservice**

Application name: discovery-server

Server port: 8761

URL: http://localhost:8761/

Application name: transaction-service

Server port:8084

POST - <http://localhost:8084/transaction-service/dotransaction>

**Request Body**

{

"requestId": "A32W4ER2357",

"requester": "XYZ App",

"transactionType": "VFJBTlNGRVI=",

"sourceAccountNumber": "MzIzNDEyMDA5MjM0ODc=",

"strAmount": "MTUwMC41MA==",

"destinationAccountNumber": "MDAxMjQxMDA5MjExNDM5",

"note": "Transferring amount"

}

**Response:**

{

    "outcome": "success",

    "message": "Transaction success ",

    "data": {

        "requestId": "A32W4ER2357",

        "transactionTime": "2021-12-04T08:08:44.784+0000",

        "requester": "XYZ App",

        "transactionType": "TRANSFER",

        "sourceAccountNumber": "32341200923487",

        "amount": 1500.5,

        "destinationAccountNumber": "001241009211439",

        "note": "Transferring amount",

        "strAmount": **null**

    },

    "error": **null**

}