Test cases for reward calculation behaviour.

1. When customer does not exist:

* URI: api/rewards?customerId=123
* Output:

Invalid Id. Customer not found

1. When customer has only transaction amount < = 50

* URI: api/rewards?customerId=customer5
* Output:

{

    "customerId": "customer5",

    "monthlyRewards": {

        "2024-AUGUST": 0

    },

    "customerName": "Amit",

    "totalRewards": 0

}

1. When customer has transaction amount > 50 but <=100

* URI: api/rewards?customerId=customer4
* Output:

{

    "customerId": "customer4",

    "monthlyRewards": {

        "2024-JULY": 10

    },

    "customerName": "Lucky",

    "totalRewards": 10

}

1. When customer has transaction amount > 100

* URI: api/rewards?customerId=customer1
* Output:

{

    "customerId": "customer1",

    "monthlyRewards": {

        "2024-JULY": 91,

        "2024-AUGUST": 30

    },

    "customerName": "Karan",

    "totalRewards": 121

}

1. When get rewards for all customers for last 3 months

* URI: api/getAllCustomerTransaction
* Output:

[

    {

        "customerId": "customer1",

        "name": "Karan",

        "totalRewards": 121,

        "transactions": [

            {

                "transactionId": 1,

                "amount": 120.5,

                "transactionDate": "2024-07-15",

                "points": 91

            },

            {

                "transactionId": 2,

                "amount": 80.6,

                "transactionDate": "2024-08-10",

                "points": 30

            }

        ]

    },

    {

        "customerId": "customer2",

        "name": "Varun",

        "totalRewards": 95,

        "transactions": [

            {

                "transactionId": 3,

                "amount": 55.0,

                "transactionDate": "2024-08-05",

                "points": 5

            },

            {

                "transactionId": 4,

                "amount": 120.0,

                "transactionDate": "2024-09-15",

                "points": 90

            }

        ]

    },

    {

        "customerId": "customer3",

        "name": "Ankit",

        "totalRewards": 6,

        "transactions": [

            {

                "transactionId": 5,

                "amount": 56.0,

                "transactionDate": "2024-06-25",

                "points": 6

            }

        ]

    },

    {

        "customerId": "customer4",

        "name": "Lucky",

        "totalRewards": 10,

        "transactions": [

            {

                "transactionId": 7,

                "amount": 60.0,

                "transactionDate": "2024-07-18",

                "points": 10

            }

        ]

    },

    {

        "customerId": "customer5",

        "name": "Amit",

        "totalRewards": 0,

        "transactions": [

            {

                "transactionId": 8,

                "amount": 45.0,

                "transactionDate": "2024-08-18",

                "points": 0

            }

        ]

    }

]