








# Currency Exchange to BDT (Java + MySQL + XAMPP)





A simple Java console app that connects to a MySQL database (via XAMPP) to manage and convert top foreign currencies to BDT .

 Perfect **for** students or beginners learning JDBC + MySQL + Java projects!

## Features

- ◆ View all exchange rates
- ◆ Add new currency & rate 
- ◆ Update currency rates 
- ◆ Delete currency 
- ◆ Convert any amount of a currency to BDT 
- ◆ MySQL database integration via JDBC 

## Tech Stack

-  Language: Java (JDK 8+)
-  Database: MySQL (via XAMPP)
-  Connector: JDBC (mysql-connector-j)
-  Interface: Console-based UI

## Getting Started

### Prerequisites

Java installed (java -version)  
XAMPP installed and running (MySQL)  
MySQL JDBC Connector (mysql-connector-j-9.2.0.jar) included **in** the project



## Database Setup

- 🔥 Start XAMPP → Start MySQL
  - 🌐 Go to <http://localhost/phpmyadmin>
  - 📁 Import currencydb.sql
  - ✅ Done! Your DB and table are ready.
- 



## Folder Structure

```
CurrencyExchangeJavaProject/  
├── Main.java  
├── DBConnection.java  
├── CurrencyService.java  
├── currencydb.sql  
├── mysql-connector-j-9.2.0.jar  
└── README.md
```

---



## How to Compile & Run

---



### On Windows CMD:

```
javac -cp ".;mysql-connector-j-9.2.0.jar" *.java  
java -cp ".;mysql-connector-j-9.2.0.jar" Main
```



### On Mac/Linux:

```
javac -cp ".:mysql-connector-j-9.2.0.jar" *.java  
java -cp ".:mysql-connector-j-9.2.0.jar" Main
```