Daniil Slesarenko

B00810091

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CSCI 4140

Assignment 2

Git Access

The project can be found at git via this link:

https://github.com/slesarenko-d/CSCI4140-A2

my git id is slesarenko-d

SQL statements

CREATE TABLE `client\_091` (

`clientId\_091` int NOT NULL,

`clientCity\_091` varchar(45) DEFAULT NULL,

`dollarsOnOrder\_091` int DEFAULT NULL,

`clientStatus\_091` varchar(45) DEFAULT NULL,

`clientName\_091` varchar(45) DEFAULT NULL,

`clientCompPassword\_091` varchar(45) DEFAULT NULL,

`moneyOwed\_091` int DEFAULT NULL,

PRIMARY KEY (`clientId\_091`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

CREATE TABLE `line\_091` (

`lineNum\_091` int NOT NULL,

`poNum\_091` int DEFAULT NULL,

`partNum\_091` int DEFAULT NULL,

`partPrice\_091` int DEFAULT NULL,

`partQuant\_091` int DEFAULT NULL,

KEY (`lineNum\_091`),

KEY `poNum\_idx` (`poNum\_091`),

KEY `partNum\_091\_idx` (`partNum\_091`),

CONSTRAINT `partNum\_091` FOREIGN KEY (`partNum\_091`) REFERENCES `part\_091` (`partNo\_091`),

CONSTRAINT `poNum\_091` FOREIGN KEY (`poNum\_091`) REFERENCES `po\_091` (`poNo\_091`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

CREATE TABLE `part\_091` (

`partNo\_091` int NOT NULL,

`partDescription\_091` varchar(45) DEFAULT NULL,

`QoH\_091` int DEFAULT NULL,

`partName\_091` varchar(45) DEFAULT NULL,

`currentPrice\_091` int DEFAULT NULL,

PRIMARY KEY (`partNo\_091`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

CREATE TABLE `po\_091` (

`poNo\_091` int NOT NULL,

`datePO` datetime DEFAULT NULL,

`status\_091` varchar(45) DEFAULT NULL,

`clientID\_091` int DEFAULT NULL,

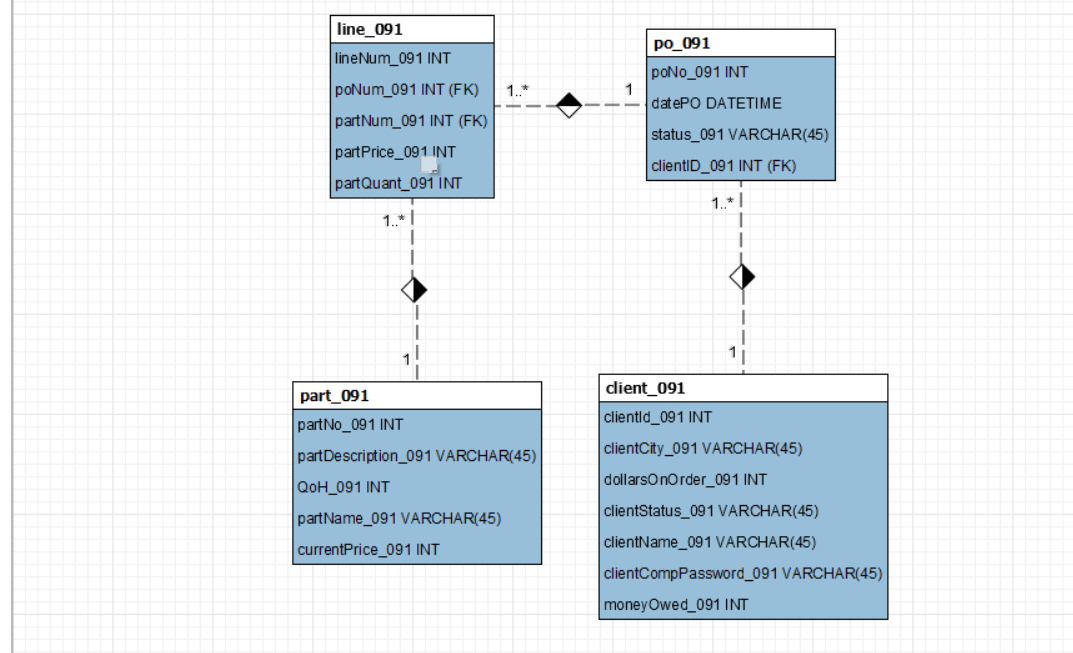
PRIMARY KEY (`poNo\_091`),

KEY `clientID\_091\_idx` (`clientID\_091`),

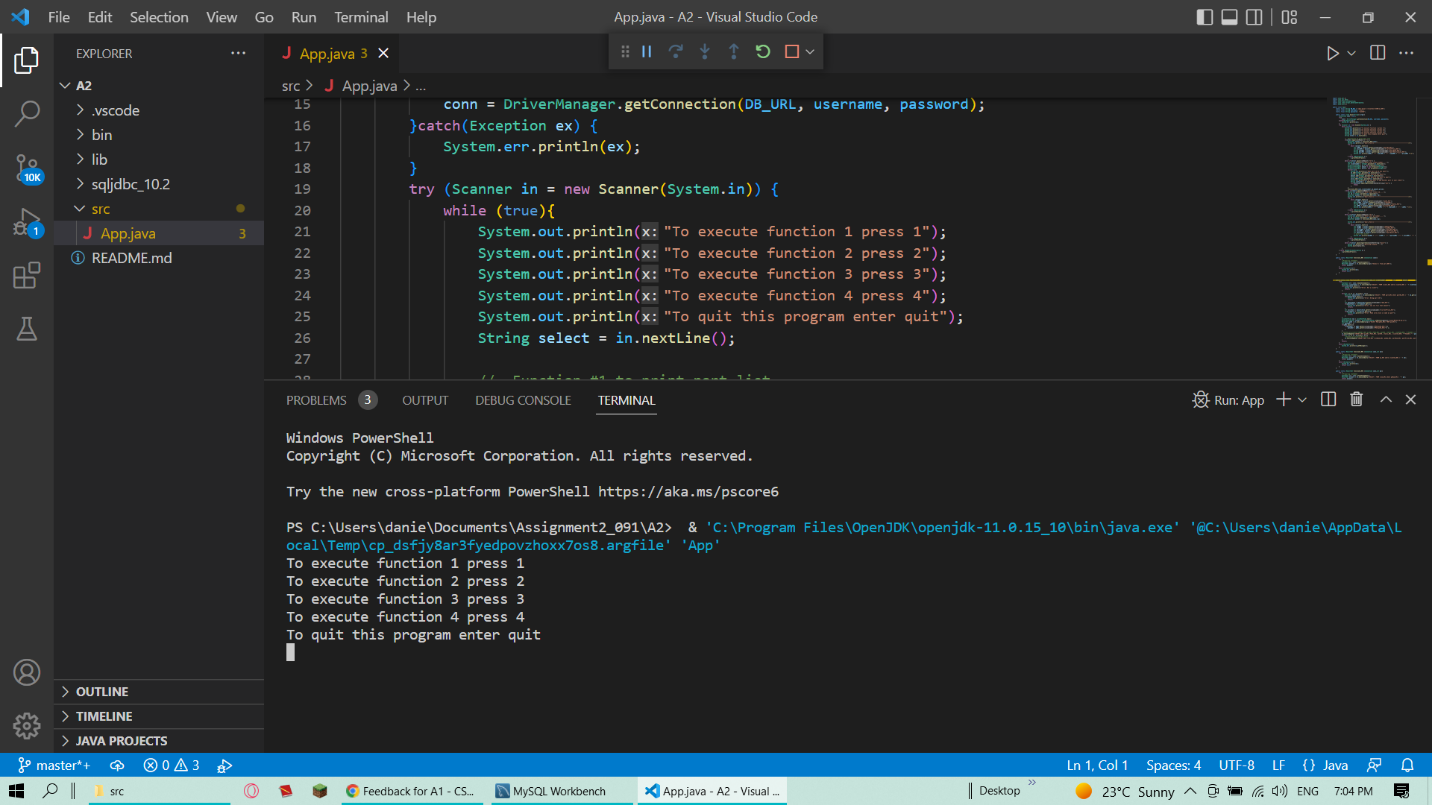
CONSTRAINT `clientID\_091` FOREIGN KEY (`clientID\_091`) REFERENCES `client\_091` (`clientId\_091`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

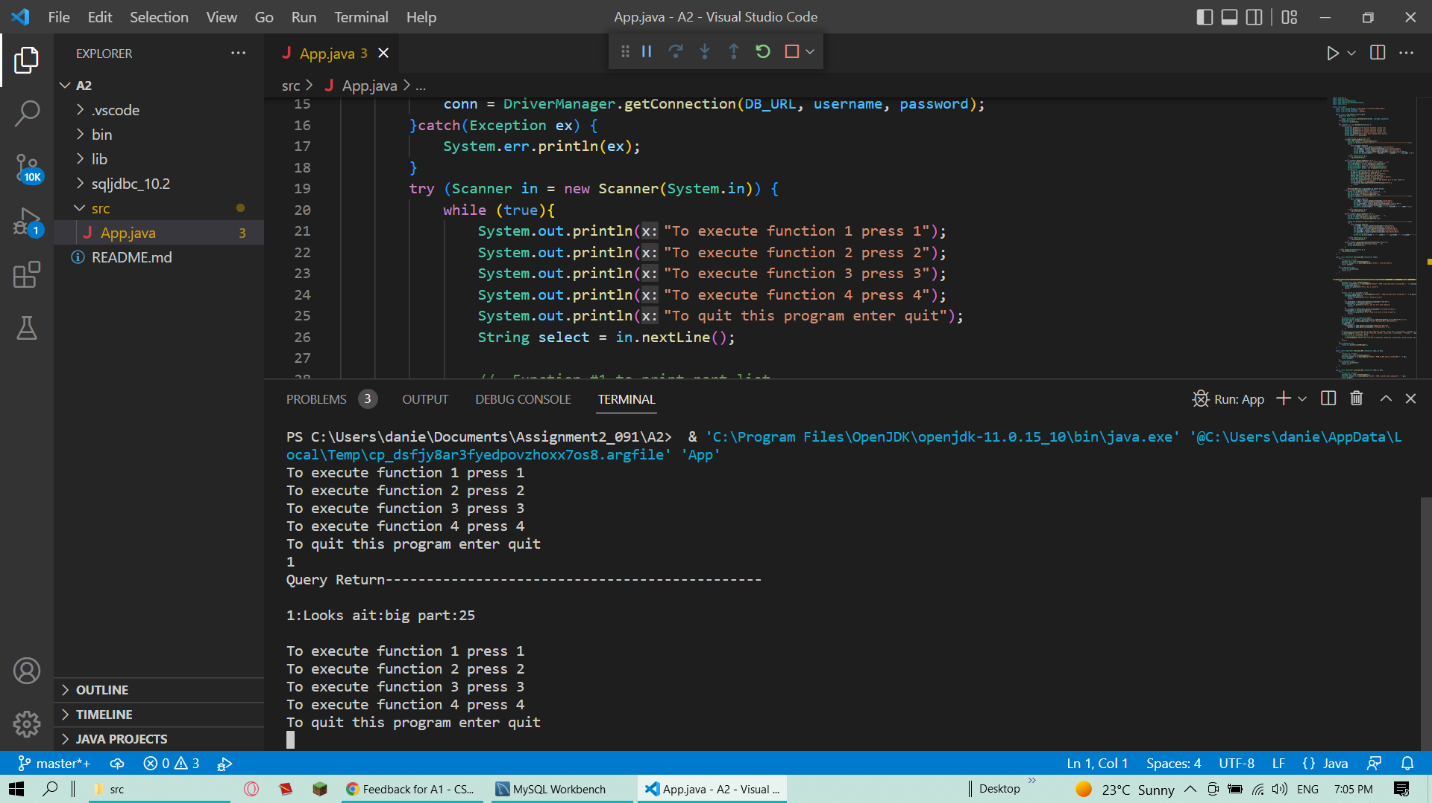
(I added FK after I created the tables)



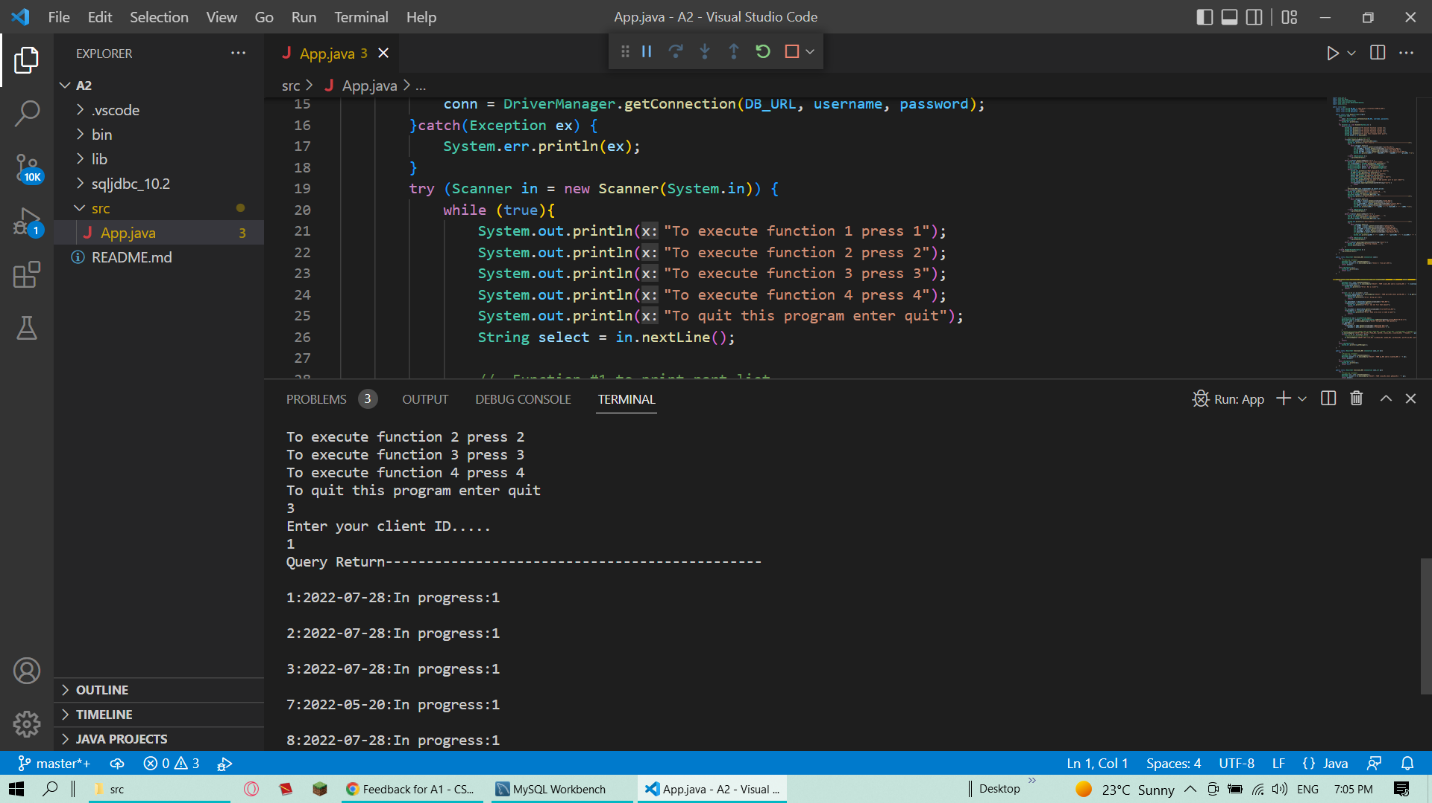
Screenshots



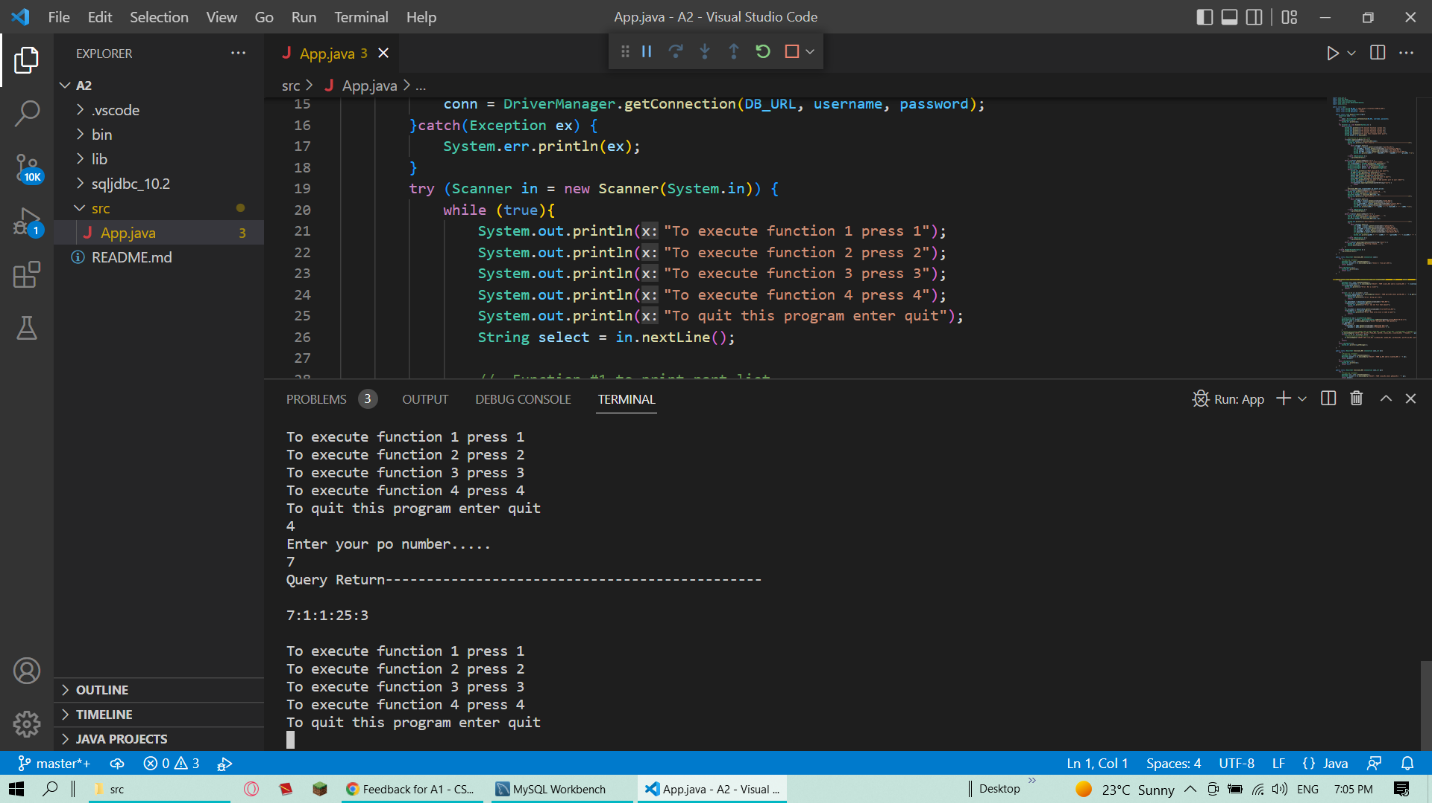
Function 1



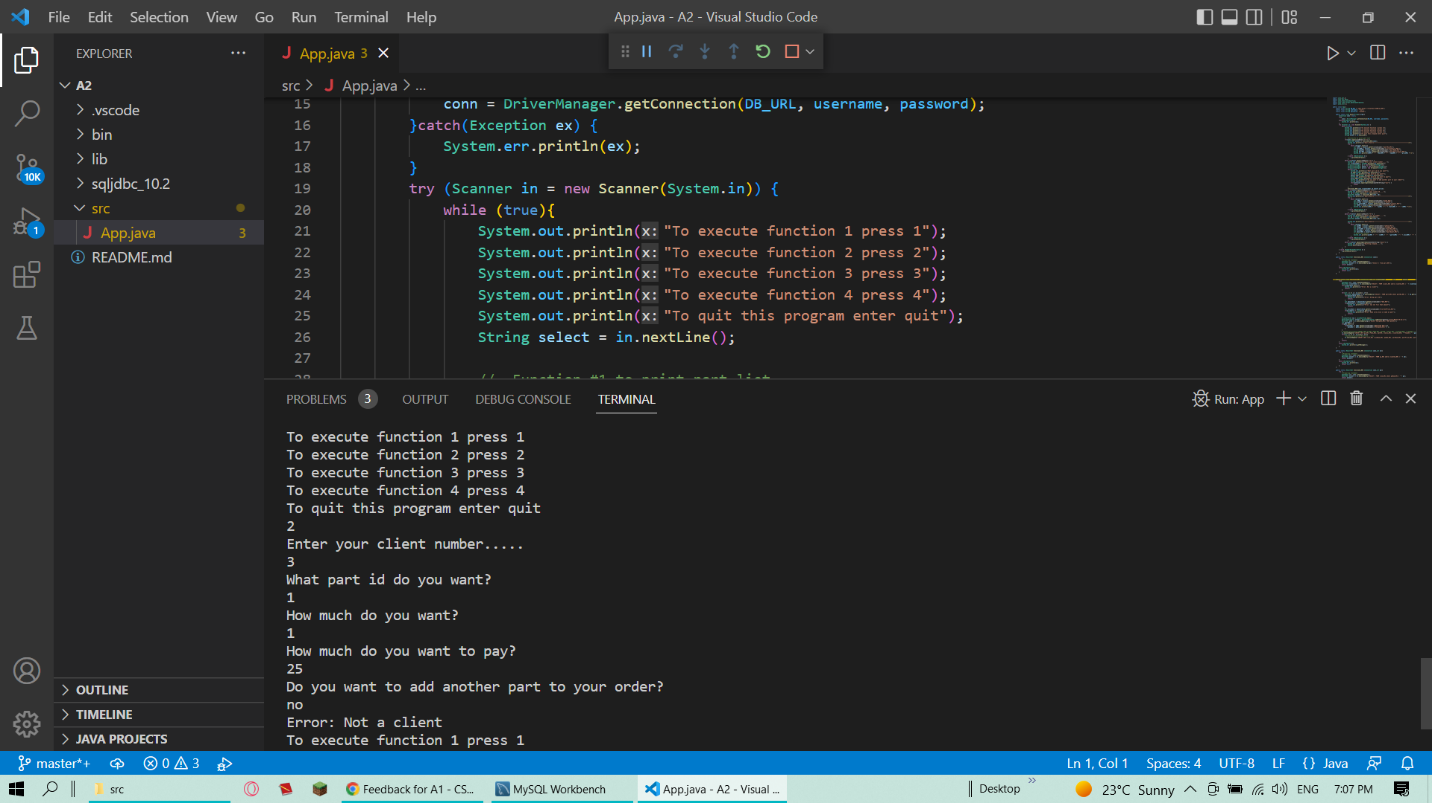
Function 3



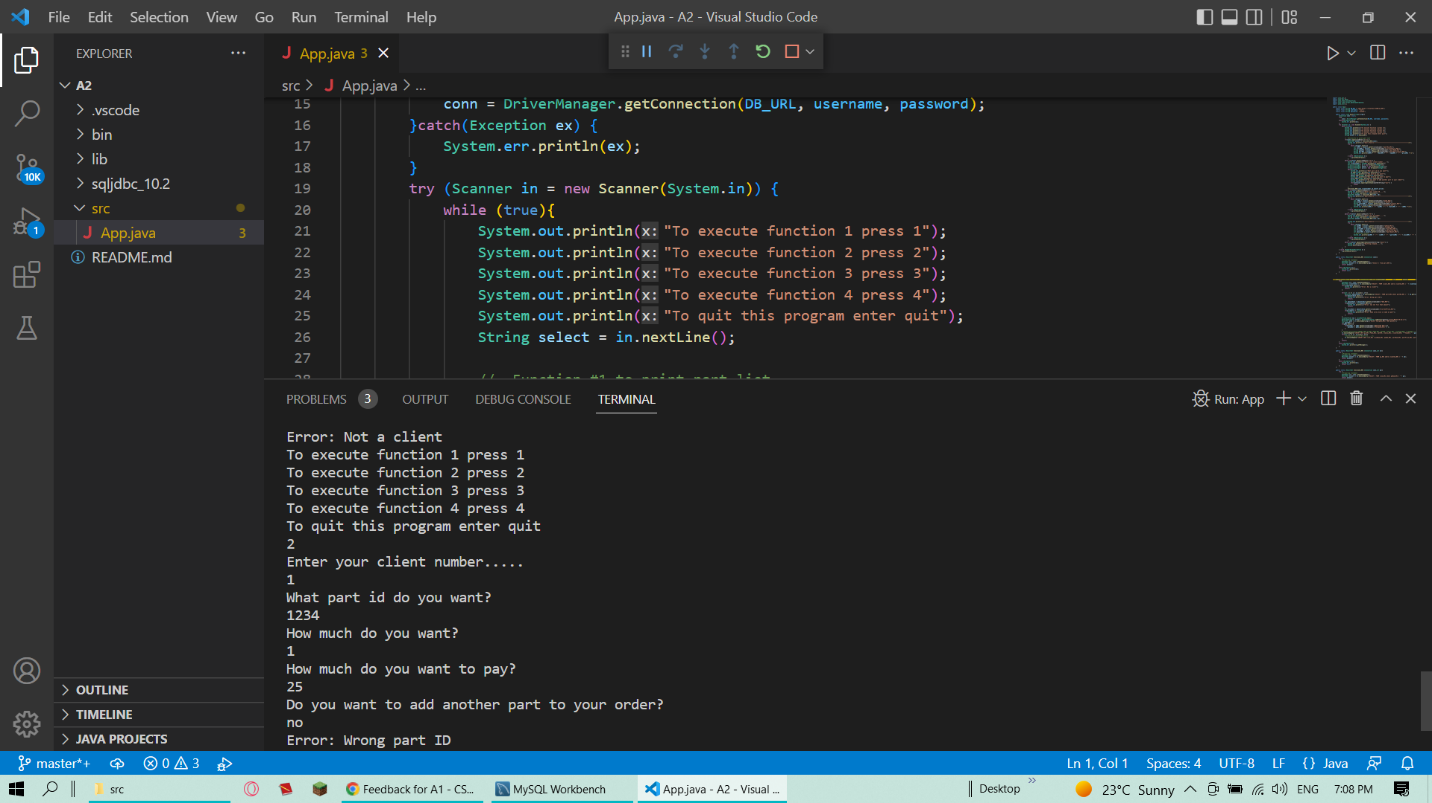
Function 4



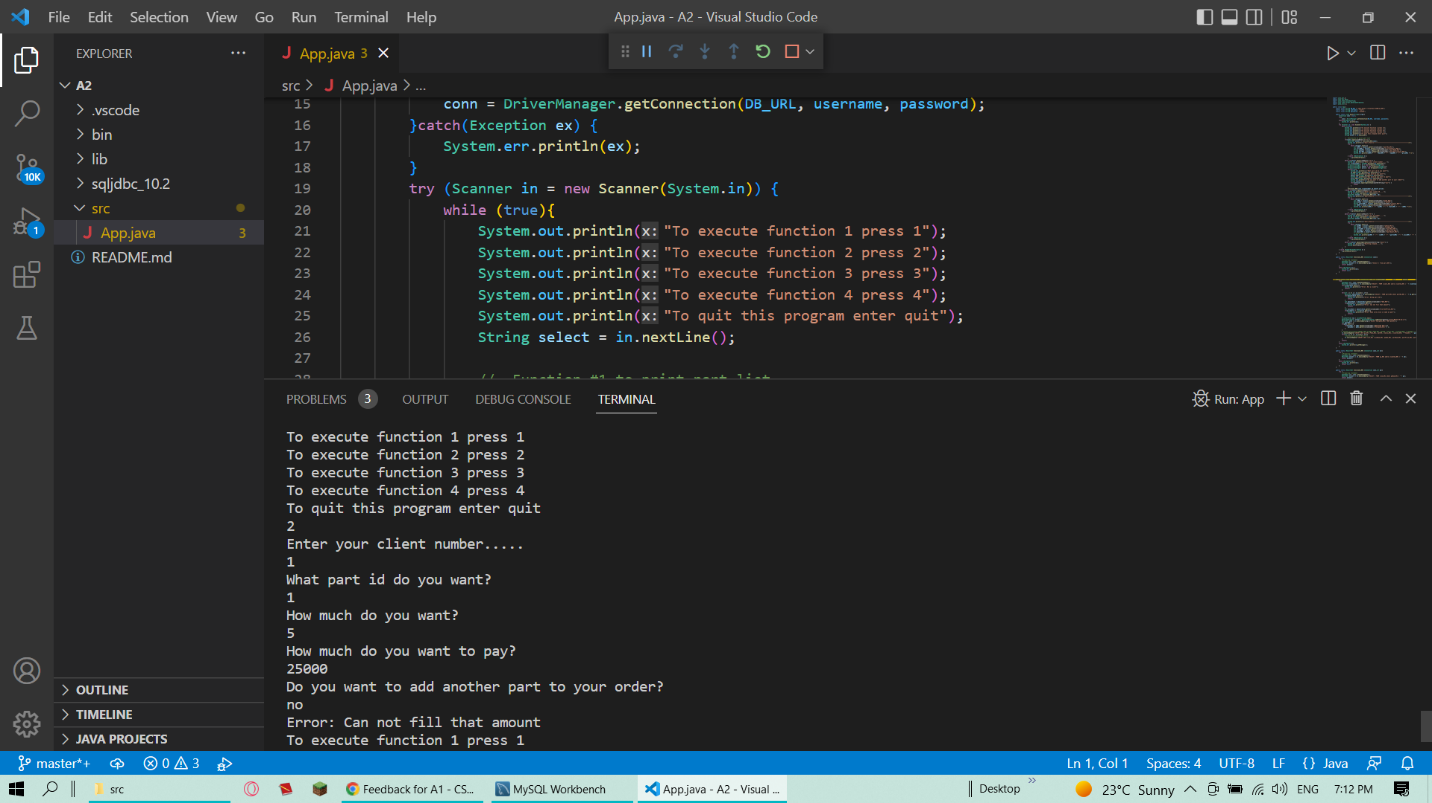
Input validation for function 2: wrong client



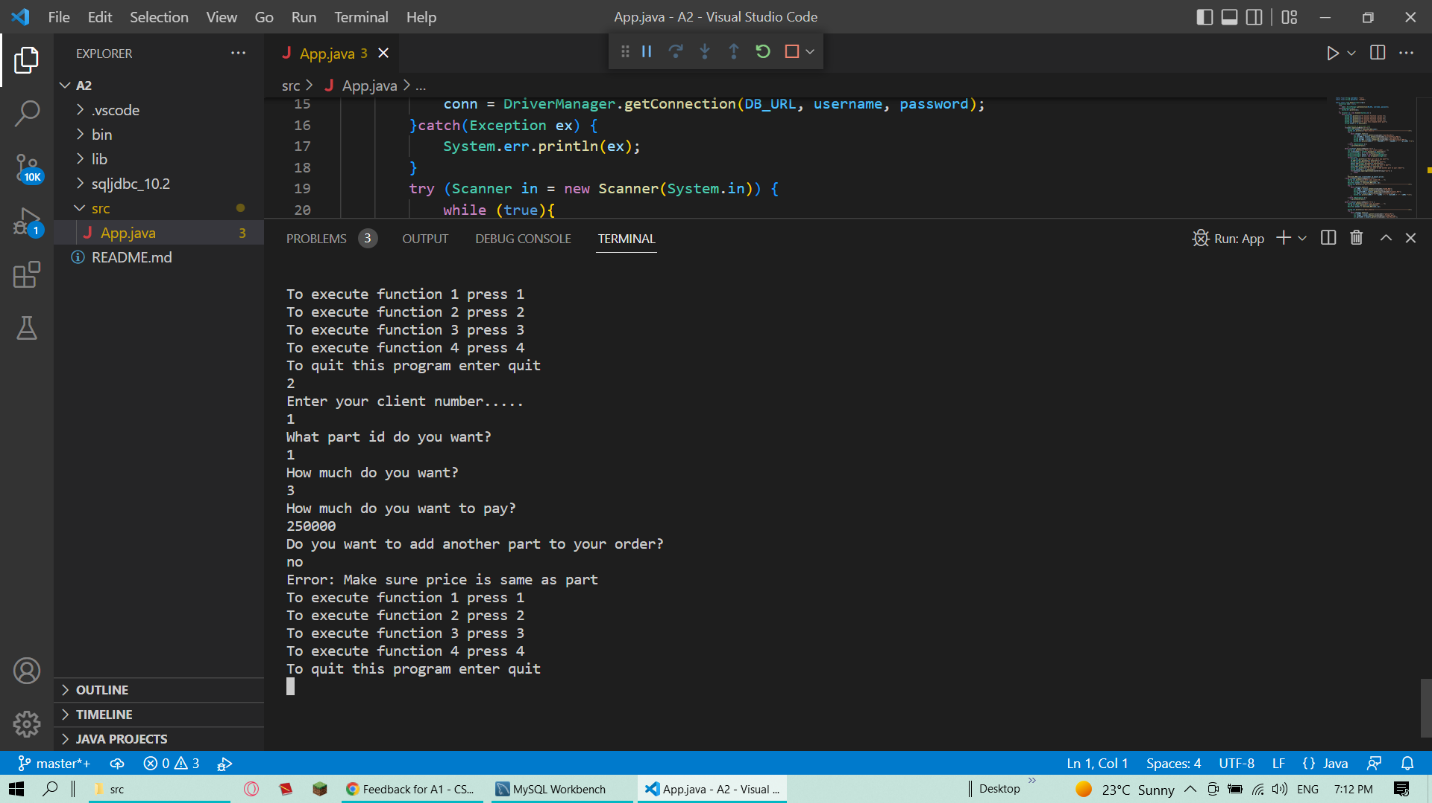
Input validation for function 2: wrong part id



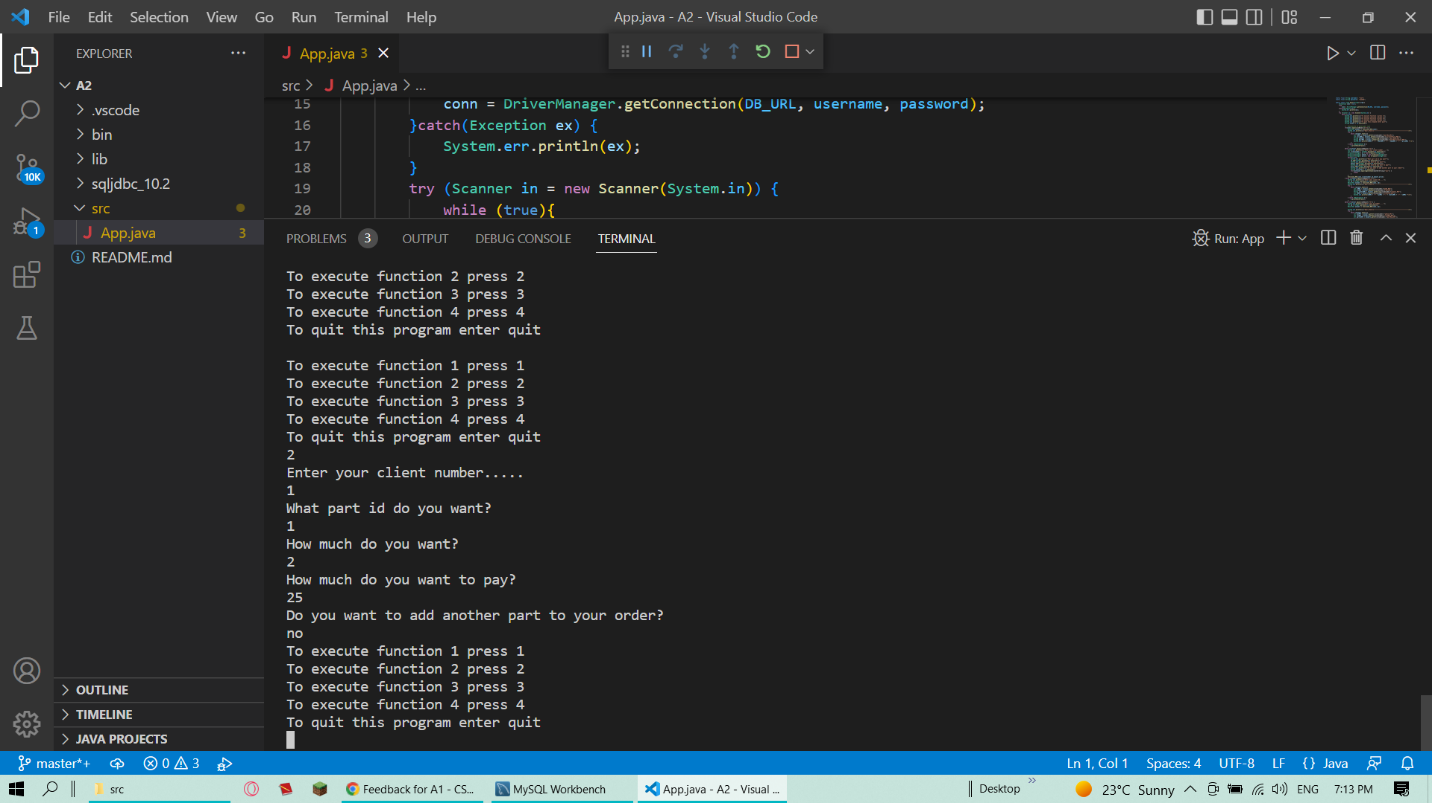
Input validation for function 2: wrong amount



Input validation for function 2: wrong price



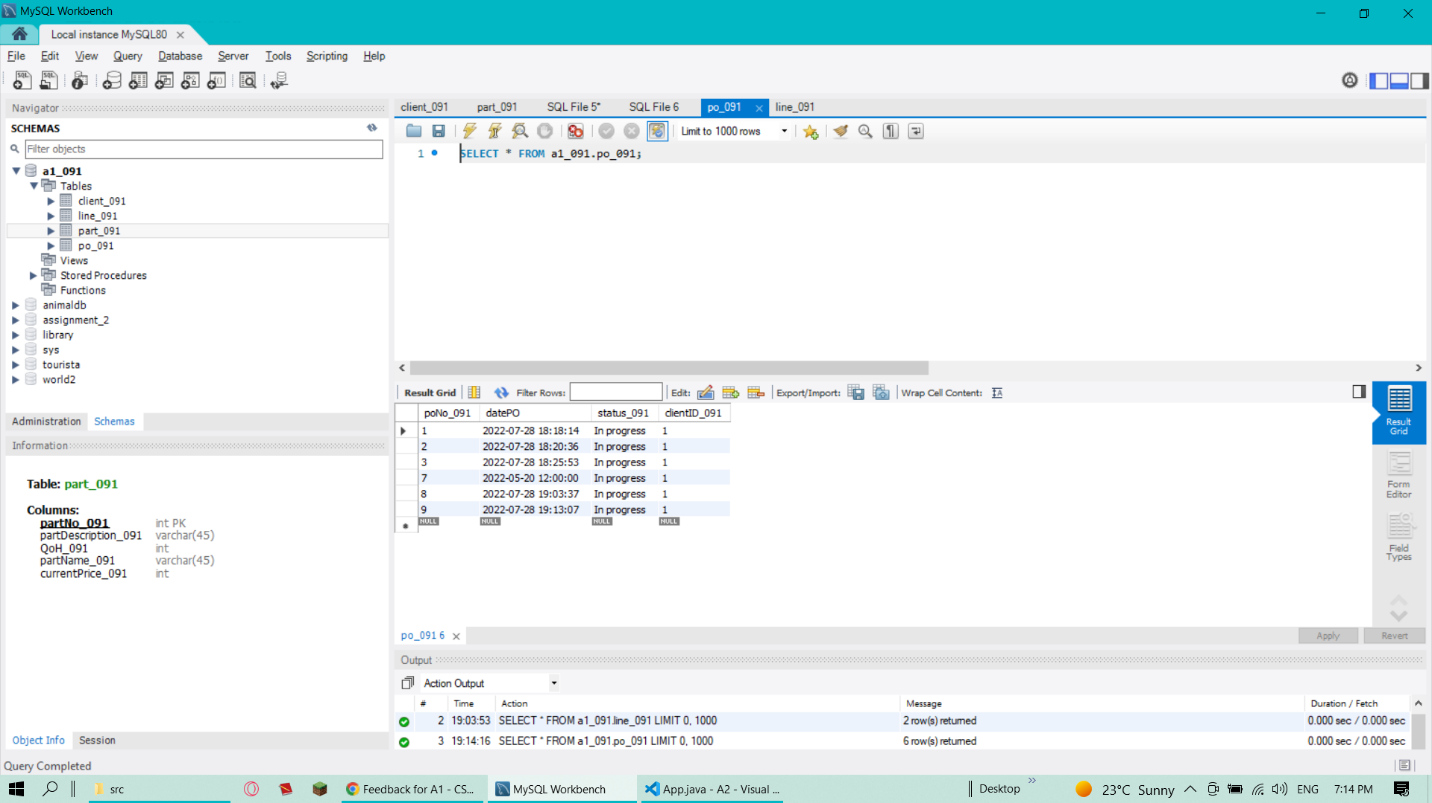
Function 2 working and updating the database



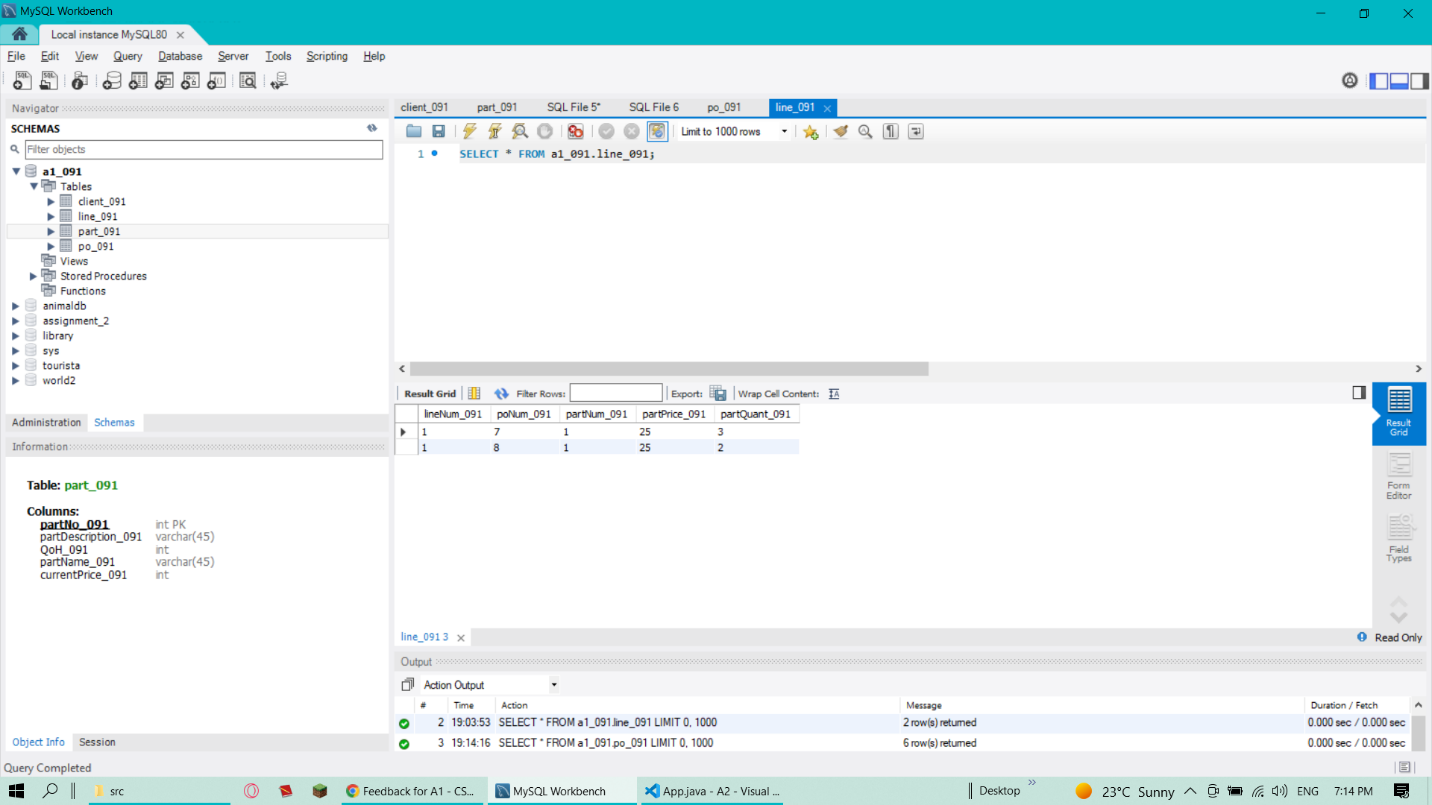
Before:

Graphical user interface, text, application

Description automatically generated

After:

Before:



After

