This UDF function returns delivery price depending on customer's location:

|  |
| --- |
| USE colombo;  DROP FUNCTION IF EXISTS fn\_getdeliveryprice;  CREATE FUNCTION **fn\_getdeliveryprice**     (p\_country Varchar(50), p\_city Varchar(50)) RETURNS Float  BEGIN  DECLARE v\_price Float;  /\*  for not identified customer's location delivery price is 45 euro  \*/ SET v\_price = 45;   IF p\_country = 'iceland' THEN     SET v\_price=8.15;  END IF;  IF p\_country = 'poland'    IF p\_city = 'warsaw'     SET v\_price=7.85;    ELSE     SET v\_price=9.75;    END IF;  END IF;  /\* ... here more price options can be placed ... \*/   RETURN v\_price;   END |

Then we can call this function using single SELECT:

|  |
| --- |
| SELECT **fn\_getdeliveryprice**('poland', 'warsaw'); |

Reciving in the message window: 9.75   
  
Or call function for every row in SELECT statement:

|  |
| --- |
| SELECT CustomerID, CustomerName,  **fn\_getdeliveryprice**(Country, City) AS DelivPay  FROM Customers  WHERE CustomerID BETWEEN 10 AND 12; |

The results will came as following:

|  |  |  |
| --- | --- | --- |
| CustomerID | CustomerName | DelivPay |
| 10 | Erika Nass | 8.14 |
| 11 | Somerset Dogan | 45 |
| 12 | Famke Bacher | 45 |