



CASE

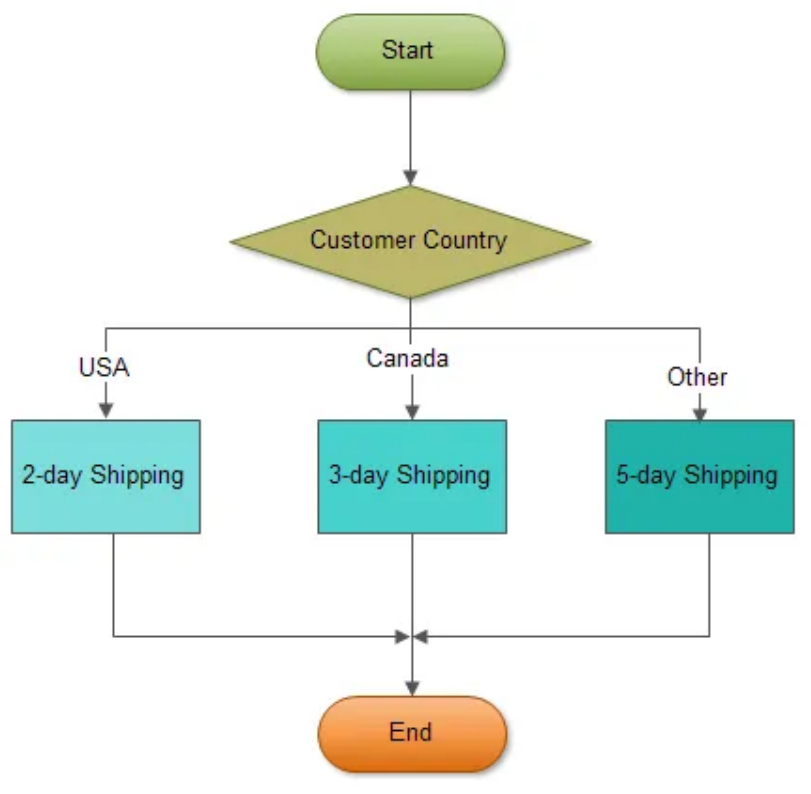
Shart operatorlaridan biri **CASE** dan protsedurada qanday foydalanishni o'rganamiz.

```
➤ CASE given_value
  WHEN condition_1 THEN return_1
  WHEN condition_k THEN return_k
  ELSE statement_else
END;
```

OPTIONAL

1- Qolip: `CASE case_value WHEN when_value1 THEN statements WHEN when_value2 THEN statements ... [ELSE else-statements] END CASE;`

```
Misol: DELIMITER $$ CREATE PROCEDURE GetCustomerShipping( IN pCustomerNumber INT, OUT pShipping VARCHAR(50) ) BEGIN DECLARE customerCountry VARCHAR(100); SELECT country INTO customerCountry FROM customers WHERE customerNumber = pCustomerNumber; CASE customerCountry WHEN 'USA' THEN SET pShipping = '2-day Shipping'; WHEN 'Canada' THEN SET pShipping = '3-day Shipping'; ELSE SET pShipping = '5-day Shipping'; END CASE; END$$ DELIMITER ;
```



```
CALL GetCustomerShipping(112,@shipping); SELECT @shipping; Natija: +-----+
-+ | @shipping | +-----+ | 2-day Shipping | +-----+
```

2 - Qolip CASE WHEN search_condition1 THEN statements WHEN search_condition1 THEN s
tatements ... [ELSE else-statements] END CASE;

```
Misol: DELIMITER $$ CREATE PROCEDURE GetDeliveryStatus( IN pOrderNumber INT, OUT pD
eliveryStatus VARCHAR(100) ) BEGIN DECLARE waitingDay INT DEFAULT 0; SELECT DATEDIF
F(requiredDate, shippedDate) INTO waitingDay FROM orders WHERE orderNumber = pOrder
Number; CASE WHEN waitingDay = 0 THEN SET pDeliveryStatus = 'On Time'; WHEN waiting
Day >= 1 AND waitingDay < 5 THEN SET pDeliveryStatus = 'Late'; WHEN waitingDay >= 5
THEN SET pDeliveryStatus = 'Very Late'; ELSE SET pDeliveryStatus = 'No Informatio
n'; END CASE; END$$ DELIMITER ;
```

CASE dan select da foydalanish: SELECT SUM(CASE WHEN status = 'Shipped' THEN 1 ELSE
0 END) AS 'Shipped', SUM(CASE WHEN status = 'On Hold' THEN 1 ELSE 0 END) AS 'On Hol
d', SUM(CASE WHEN status = 'In Process' THEN 1 ELSE 0 END) AS 'In Process', SUM(CAS
E WHEN status = 'Resolved' THEN 1 ELSE 0 END) AS 'Resolved', SUM(CASE WHEN status =
'Cancelled' THEN 1 ELSE 0 END) AS 'Cancelled', SUM(CASE WHEN status = 'Disputed' TH
EN 1 ELSE 0 END) AS 'Disputed', COUNT(*) AS Total FROM orders;

SQL

Copy

```
SELECT SUM(CASE status WHEN 'Shipped' THEN 1 ELSE 0 END) AS 'Shipped', SUM(CASE sta
tus WHEN 'On Hold' THEN 1 ELSE 0 END) AS 'On Hold', SUM(CASE status WHEN 'In Proces
s' THEN 1 ELSE 0 END) AS 'In Process', SUM(CASE status WHEN 'Resolved' THEN 1 ELSE
0 END) AS 'Resolved', SUM(CASE status WHEN 'Cancelled' THEN 1 ELSE 0 END) AS 'Cance
lled', SUM(CASE status WHEN 'Disputed' THEN 1 ELSE 0 END) AS 'Disputed', COUNT(*) A
S Total FROM orders;
```