

Assume this formul:

```
import com.bboxi.ruleEngine.dto.RuleFact;
rule "tapin_1"
  no-loop true
  lock-on-active true
  when
    ruleFact : RuleFact($c: company != null && company == "tapin", $w: w!=null , $w <=
1.0 , $cdt: cdt!=null && cdt == "INNER" , $cct: cct!=null , $cct == "DOCUMENT" , $f :
effectiveFormula , $prices : prices);
  then
    $prices.put("tapin", 350000);
    ruleFact.setPrice(350000);
    ruleFact.setEffectiveFormula($f + " , $w <= 1.0 & cdt == INNER & $cct == DOCUMENT
then price= 350000");
    update(ruleFact);
  end;
```

Fix texts: can not be change , just formul name must be added

```
import com.bboxi.ruleEngine.dto.RuleFact;
rule "[nameOfFormula]"
  no-loop true
  lock-on-active t
```

```
then
  ruleFact : RuleFact()
When
```

```
        update(ruleFact);
end;
```

Variables:

can be draggable ,this variables can be drop to to part of text inside **RuleFact()**:

```

Double w = 0d; //وزن

Double height;
Double width;
Double length;

Double costOfGood;//ارزش مرسوله // consignment.value

String cct; //contentType DOCUMENT("0", "اسناد و مدارک"), PACKET("1", "بسته")

String cdt = "-"; //INNER ,OUTER

Integer needToCod=0; Integer needToPackage=0; //بسته بندی Integer needToPickup=0; //
پس کرایه Integer paymentByReceiver=0; //پیکاپ

String cd; //استان countryDevision.title
Double t = 0d; //مدت ارایه خدمت // to -from Timecomitment
Double at = 0d; // 24:00 00:00 مرسوله from

Integer np; //تعداد مرسولات سفارش numberOfPiece
String company;

String companyGroup;

Integer price = 0;

```

Mathematical operations:

can be draggable

```

+

-

x

%

Math.floor()

```

parsing methodology:

whole text must be parsed befor save , persian charachters not acceptable,out of scops not acceptable, out of variables not acceptables , out of operators not acceptable , end of line must has ; you can use third party lib such ANTLR grammer check <https://www antlr.org/>