```
(defrule tipo-trinagulo-reglas
(initial-fact)
=>
(printout t " ****** Tipo de Triangulo ******* " crlf)
(printout t " 1. lado" crlf)
(printout t " 2. angulo" crlf)
(assert (opcion(read)))
)
(defrule lados
(opcion 1)
=>
(printout t " ***** Seleciones la opcion ***** " crlf)
(printout t " 1. Triangulo 3 lados iguales" crlf)
(printout t " 2. Triangulo 2 lados iguales" crlf)
(printout t " 3. Triangulo No tiene lados iguales" crlf)
(assert (triangulolados (read)))
)
(defrule tres-lados (triangulolados 1)
=>
(printout t "triangulo Equilatero" crlf))

(defrule dos-lados
(triangulolados 2)
=>
(printout t "triangulo Isosceles" crlf))

(defrule ningun-lado
(triangulolados 3)
=>
(printout t "triangulo Escaleno" crlf))

(defrule angulos
(opcion 2)
=>
(printout t " **** Seleccione la Opcion **** " crlf)
(printout t " 1. Angulo de 90 grados" crlf)
(printout t " 2. Angulo menor a 90 grados" crlf)
(printout t " 3. Angulo mayor a 90 grados" crlf)
(assert (trianguloangulo (read)))
)
(defrule igual90
(trianguloangulo 1)
=>
(printout t "triangulo rectangulo" crlf))

(defrule menor90
(trianguloangulo 2)
=>
(printout t "triangulo acutangulo" crlf))

(defrule mayor90
(trianguloangulo 3)
```

```
    =>
(printout t "triangulo obtusangulo" crlf))
```