

```
1  booleanos = [False, True]
2  #disyunción (or)
3  print (' p \t q \tp or q')
4  print ('-'*22)
5  for p in booleanos:
6      | for q in booleanos:
7          | print (p, q, int(p or q), sep='\t')
8
9  print()
10
11
12  #conjunción (and)
13  print (' p \t q \tp and q')
14  print ('-'*22)
15  for p in booleanos:
16      | for q in booleanos:
17          | print (p, q, int(p and q), sep='\t')
18
19  print()
20
21
22  #negación (not)
23  print (' p \tnot p')
24  print ('-'*22)
25  for p in booleanos:
26      | print (p, int(not p), sep='\t')
27
28  print()
```

```

29
30 #bidireccional
31 print (' p \t q \tp <=> q')
32 print ('-'*22)
33 for p in booleanos:
34     for q in booleanos:
35         if p == q:
36             print (p, q, 1, sep='\t')
37         else:
38             print (p, q, 0, sep='\t')
39
40 print()
41
42 #condicional
43 print (' p \t q \tp -> q')
44 print ('-'*22)
45 for p in booleanos:
46     for q in booleanos:
47         if p == True and q == False:
48             print (p, q, 0, sep='\t')
49         else:
50             print (p, q, 1, sep='\t')
51
52 print()

```