```
Ex.30
(a) R, UR2: {(1,1), (1,2), (2,1), (2,2), (2,3), (3,1), (3,2), (3,3), (3,4)}
(b) RINR2: { (1,2), (2,3), (3,4)}
(c) R1-R2: 0
(d) R2-R1: { (1,1), (2,1), (2,2), (3,1), (3,2), (3,3)}
Ex.32.
            (1,2),
Sol: {(1,1), (2,1), (2,2)}
Section 9.2
Ex. 12. Pare_number project quantity Color_code
           9191
                  Flight_number Destination
Ex. ib
        Airline
                                           Detroit
          Nadir
                       122
 Exily Supplier Pare_number project Quantity Color-code
                     1092
          23
                     1101
 Section 9.3
 Ex.14.
(a) RIUR: [ 0 1 0] (b) RINR: [ 0 1 0] (c) Ro RI: [ 0 1 1]
(d) R. o. R. T. 1117 (e) R. O. R. 2. [000]
Ex-32
 21 : reflexive. not symmetric, not antisymmetric, not transive
 27: not reflexive, symmetric, not antisymmetric, not transitive
 28. reflexive, symmetric, not antisymmetric, not transitive
```