Date
Expt. No Page No
dru = UnionFird (n) Ajory Mittur 1814156506
for (i to to n)
for (it o ton)
material de joint de
if (and i) cis == 1)
druijoin (ii) itiii)
dov-join (1, ), 1, 1+1)
dru; oin (i, i, i-(i))
dr. join (1,), 1, 5-1)
component
print (dru. sixue)
class Union Fred 1
pair & root()(), size ()(),
int stag component;
Union Find (= =) int n) {
assign each soot from 1 -> nxn its indices
3166
(omponent) = r
void jan (is), 215) 1
x = find (iii), x = find (n 17)
if (x1=x2) return.
Y60+C=117(1) = Y3
components;
3
Erd (i, i) L
if (i,i) == root (i3(i)) return i,i
Else root (17(1) = for Ed (2001 (17(1)))  Teacher's Signature: