> Isomorphie Graphi Def: The graph $G_1 = (V_1, E_1)$ and $G_2 = (V_2, E_2)$ are called isomosphic if there is one-to-one of onto function from v, to v2 with the property that 'a' 9'5' are adjacent in 91 if and only it b(a) and f(b) are adjacent in 92, for all 'a' and b' in v,. Properties: Same no. of vertices. Same no. of edges. Equal no. of vertices with given degree. f(4,)=V, , f(42) = V4 one-ti-one f(U3)=V3, f(U4)=V2 fune mapping. (U,, U2)=(V,, V4) V (U1, U3) = (V, V3) ~ (43, 44) = (V3, V2) ~ (U4, U2) = (U2, V4) ~ That have multied as