[functions:] for all 94 & Natural Number; TRUE, FALSE & Bookean and where +,-, Land == are the usual integer operations. . Natural Number (2000): = 0 . Boolean Is Zero(i): = if (x) return FALSE else return TRUE . Boolean Equal (24): = if (2==y) return TRUE else return FALSE Notwal Notumber Successor(x):== if(x==INTMAX) return x dee return 2+1 · Natural Number Add (x,x) = if (64x) <= INT_MAX) return 2+4 else return INIMAX · Natural Number Subtract(xx):= if(xxy) return O else return '2-y end Natural Number Exercises 1.4 1. Add the following operations to the Natural Number APT: Predacessor, & is Greater, Multiply, Divide. Float is a usual data type in C Soln: >, *, | are the usual integer operations. Natural Number Predocessor (x):= if (x==0) return x else return (x-1) . Bool Is Greater (24): = if (27) return TRUE else return FALSE . Natural Number Multiply (249): = if (2xx) X=INT_MAX) return 2xxy
float

float · Mineral Markon Divide (2/4): == if (y==0) return -1; // Not valid