22/12/23 Quadratic Equation Program import java util Scanner; import static java lang. Math sgrt; impost static java lang. Math. als public class quad & public state void main (String[] args)& Scanner in = new Scanner (System in); System out println ("Enter coefficients: "); int a = in next Int(); int C = in next Int(); System out pointly (" & Invalid input"); int d= b\*b-4\*a\*c; if (d70) { System. out printly (" Roots are equal float 81 = (float) (-b + sqrt(d))/(2 x a) Gloat ~2 = (float) (-b - sgrt (d)) / (2 × a); System out pointle (21); System out printle (82); elseif (d<0){ System out printly ("Roots are impinary" There are no real solutions"); float 1 = (float) - b/(2 x a); loat 82 = (float) sqrt (abs (d)) (2+a); System out pointly (81 +"+i" + 82) System out pointly (right '-1"+82);

Egual" 7848P solubin apart Solution 0 7 magnary Page No. 6 Roots 6 233 0 white (1 x a) 9 Sgat (d)/ (2x goto mvalid med long printle 0 agre 1 ( ph 43 2 \*A) 9 here Variabl out. 0 print Cook Suren coefficients .. egisal made Good 9 colliventy 7 38 27 (0= initialise .994 mund 128 pourt Invalid 0 5 (i) Enter 0 5 (ii) Enter + Enter Enter Rept Algonithma Roots 0.1 Root 2 3 5

