10 Cls

20 Rem Program to find out the roots of the quadratic equation

30 Print "\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"

40 Print "Program No.8 To find out the roots of the quadratic equation "

50 Print "\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"

70 Print Date$; " and "; Time$

80 Print "sahil yadav"

90 Print "2131239"

100 Print "------------------------------------------------------"

110 Input "ENTER THE VALUE OF A,B,C"; A, B, C

120 D = (B ^ 2) - (4 \* A \* C)

130 If D > 0 Then GoTo 200

140 If D = 0 Then GoTo 240

150 If D < 0 Then GoTo 160

160 R1 = (-B) / (2 \* A)

170 I = Sqr(-D) / (2 \* A)

180 Print "IMAGINARY ROOTS R1="; R1; "+i"; I; "AND R2="; R1; "-i"; I

190 GoTo 260

200 R1 = (-B + Sqr(D)) / (2 \* A)

210 R2 = (-B - Sqr(D)) / (2 \* A)

220 Print "REAL AND UNEQUAL ROOTS R1="; R1; "R2="; R2

230 GoTo 260

240 R1 = (-B) / (2 \* A)

250 Print "EQUAL ROOTS R="; R1

260 End

