PROGRAM 3cupgame

Pos1=c1

Pos2=c2

Pos3=c3

Count=0

WHILE count<4

Move=random(1,3)

IF move=1

Temp=pos1

Pos1=pos2

Pos2=temp

ELSE IF move=2

Temp=pos2

Pos2=pos3

Pos3=temp

ELSE IF move=3

Temp=pos1

Pos1=pos3

Pos3=temp

ENDIF

Count=count+1

ENDWHILE

PRINT “Where do you think the ball is?”

READ selection

IF selection=1 AND pos1=c2

PRINT “Correct. You win.”

ELSE IF selection=2 AND pos2=c2

PRINT “Correct. You win.”

ELSE IF selection=3 AND pos3=c2

PRINT “Correct. You win.”

ELSE

PRINT “Incorrect. You lose.”

ENDIF

END