PROGRAM division\_algorithm

READ divisor;

READ num[0];

READ num[1];

READ num[2];

WHILE i<3

DO

ans[i]=num[i]/divisor;

remainder=num[i]%divisor;

num[i+1]=num[i+1]+remainder;

PRINT ans[i];

ENDWHILE;

IF num[3]!=0

THEN

PRINT “.”;

WHILE remainder!=0

DO

ans[i]=num[i]/divisor;

remainder=num[i]/divisor;

num[i+1]=num[i+1]+remainder;

PRINT ans[i];

ENDWHILE;

ENDIF;

END;

PROGRAM gcd\_algorithm

READ A;

READ B;

IF A<B

THEN

C=A;

A=B;

B=C;

ENDIF;

WHILE B!=0

DO

C=B;

B=A%B;

A=C;

ENDWHILE;

PRINT A;

END