STEP 1: BEGIN

STEP 2: DECLARE VALUES OF NUMERATORS,DENOMINATOR,REMAINDER,NUM1,NUM2

STEP 3: ENTER VALUES FOE NUM1,NUM2

STEP 4: IF{NUM1>NUM2}{DENOMINATOR=NUM1,NUMERATOR=NUM2

STEP 5: ELSE NUMERATOR=NUM2,DENOMINATOR=NUM1

STEP 6: REMAINDER=NUMERATOR(MODULOS)NUMERATOR

STEP 7: REMAINDER=NUMERATOR(MODULOS)DENOMINATOR

STEP 8: WHILE REMAINDER IS NOT EQUAL TO 0,PRINT DENOMINATOR AS THE GCD

STEP 9: END