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# Python program to find H.C.F of two numbers
# define a function
def compute_hcf(x, y):
# choose the smaller number
    if x > y:
        smaller = y
    else:
        smaller = x
    for i in range(1, smaller+1):
        if((x % i == 0) and (y % i == 0)):
            hcf = i
    return hcf
num1 = 10
num2 = 12
print("The H.C.F. is", compute_hcf(num1, num2))
```

