

GCD of two numbers

Anitej prasad

1BM19CS194

4-D

```
#include <stdio.h>

int hcf(int num1, int num2);

int main() {
    int num1, num2;
    printf("Enter two integers: ");
    scanf("%d %d", &num1, &num2);
    printf("gcd of %d and %d is %d.", num1, num2, hcf(num1, num2));
    return 0;
}

int hcf(int num1, int num2) {
    if (num2 != 0)
        return hcf(num2, num1 % num2);
    else
        return num1;
}
```