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PROGRAM 2 (i): RECURSIVE GCD
#include <stdio.h>
int GCD(int , int );
int main()
{
  int num1, num2,res;
  printf("\nENTER TWO NUMBERS : ");
  scanf("%d %d", &num1, &num2);
  res=GCD(num1,num2);
  printf("GCD OF %d AND %d = %d",num1,num2,res);
  return 0;
}
int GCD(int x, int y)
{
  int rem;
  rem=x%y;
  if(rem==0)
    return y;
  }
  else
  {
    return (GCD(y,rem));
  }
```

}

OUTPUT: