#include <stdio.h>

int BiggestNumber(int a, int b, int c, int d)

{

int Biggest = 0;

if( (a > b) && (a > c) && (a > d) )

{

Biggest = a;

}

else if( (b > a) && (b > c) && (b > d) )

{

Biggest = b;

}

else if( (c > a) && (c > b) && (c > d) )

{

Biggest = c;

}

else

{

Biggest = d;

}

return Biggest;

}

int main()

{

int a, b, c, d;

printf("Enter four numbers\n");

scanf("%d%d%d%d", &a, &b, &c, &d);

printf("Biggest number is %d\n", BiggestNumber(a, b, c, d) );

return 0;

}

#include <stdio.h>

int LowestNumber(int a, int b, int c, int d)

{

int Lowest = 0;

if( (a < b) && (a < c) && (a < d) )

{

Lowest = a;

}

else if( (b < a) && (b < c) && (b < d) )

{

Lowest = b;

}

else if( (c < a) && (c < b) && (c < d) )

{

Lowest = c;

}

else

{

Lowest = d;

}

return Lowest;

}

int main()

{

int a, b, c, d;

printf("Enter four numbers\n");

scanf("%d%d%d%d", &a, &b, &c, &d);

printf("Lowest number is %d\n", LowestNumber(a, b, c, d) );

return 0;

}

#include <stdio.h>

int gcd(int u, int v)

{

int temp;

while(v != 0)

{

temp = u % v;

u = v;

v = temp;

}

return u;

}

int main()

{

int a, b, c, d;

printf("Enter four numbers\n");

scanf("%d%d%d%d", &a, &b, &c, &d);

if( (a == 0) && (b == 0) && (c == 0) && (d == 0) ) {

}

int gcd1, gcd2;

gcd1 = gcd(a, b);

gcd2 = gcd(c, d);

gcd2 = gcd1;

printf("GCD of [ %d, %d, %d, %d ] is: [ %d ]\n", a, b, c, d, gcd2);

return 0;

}