Prime factorization

Program:

#include <stdio.h>

int main()

{

int i, j, num, isPrime;

printf("Enter any number to print Prime factors: ");

scanf("%d", &num);

printf("All Prime Factors of %d are: \n", num);

for(i=2; i<=num; i++)

{

if(num%i==0)

{

isPrime = 1;

for(j=2; j<=i/2; j++)

{

if(i%j==0)

{

isPrime = 0;

break;

}

}

if(isPrime==1)

{

printf("%d, ", i);

}

}

}

return 0;

}