**Prime factor of a number in c**

#include<stdio.h>

int main(){

  int num,i=1,j,k;

  printf("\nEnter a number:");

  scanf("%d",&num);

  while(i<=num){

      k=0;

      if(num%i==0){

         j=1;

          while(j<=i){

            if(i%j==0)

                 k++;

             j++;

          }

          if(k==2)

             printf("\n%d is a prime factor",i);

      }

      i++;

   }

   return 0;

}