**WAP to find all factors of a number.**

**#include <stdio.h>**

**#include <math.h>**

**int main()**

**{**

**long long int a,b,c=0,i;**

**printf("\n\t\t\t\tTo find factors of a number enter the number: ");**

**scanf("%lli",&a);**

**printf("\n\t\t\t\tFactors are: \n");**

**if (a%2==0) b=a/2;**

**else b=(a-1)/2;**

**for(i=1; i<=b; i++)**

**{**

**if (a%i==0)**

**{**

**printf("\t\t\t\t\t\t%lli\n",i);/\*find factor of smallest number in array\*/**

**}**

**}**

**printf("\t\t\t\t\t\t%lli\n",a);**

**return 0;**

**}**