**Write a program to find sum as Y of the following series excluding prime**

**numbers in the series.**

**#include<stdio.h>**

**#include<conio.h>**

**#include<math.h>**

**int main()**

**{**

**float y=2.0,f=1.0;**

**int i,j,c;**

**for (i=2;i<=10;i++)**

**{**

**f=f\*i;**

**c=0;**

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

**{**

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

**{**

**c=c+1;**

**break;**

**}**

**}**

**if(c!=0)**

**{**

**y=y+pow(i,2)/f;**

**}**

**}**

**printf("sum= %f",y);**

**}**