/\*

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Fix the Bug in the following code so that it runs correctly

a program with problems …..

#include<stdio.h>

int x = 1:

main( )

{

if (x=1);

printf(“x equals 1”);

otherwise

printf(“x does not equal 1”);

return 0;

}

\*/

//Below is the correct code with comments on where the error was

/\*preprocessor that includes functions found

in the header file stdio.h\*/

#include<stdio.h>

/\*The global variable x was not terminated correctly,

a full colon was used instead of a semi colon\*/

int x = 1;

/\*The main function has no return value and no arguments

(this is were the program begins executing)\*/

main( )

//opening curly brace for the main function

{

//The if function was terminated which is a wrong way of using the the if statement

if (x=1)

//when x=1 the print function will print the argument of the printf function.

printf("x equals 1");

//here otherwise was used insteady of the else

else

//when the value of x is greater or less than x then the statement on this line will be printed

printf("x does not equal 1");

return 0;//Terminates the main function and returns a zero (0)

}