12)Write a program to convert ‘Feet’ to ‘Inches’ objects using conversion routines.

//to convert class type "feet " to "inches " and vice versa using conversion routines

#include<iostream>

using namespace std;

class feet

{

public:

double ft;

feet()

{

ft=0;

}

feet(double x)

{

ft=x;

}

void disp(){cout<<"feet="<<ft<<endl;}

};

class inches

{

public:

double in;

inches()

{

in=0;

}

inches(double x)

{

in=x;

}

inches(feet &x)

{

in=x.ft\*12;

}

operator feet()

{

feet f1;

f1.ft=in/12;

return f1;

}

void disp(){cout<<"inches="<<in<<endl;}

};

int main()

{

feet f1(6);

inches in1;

in1=f1;

feet f2;

inches in2(60);

f2=in2;

f1.disp();

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in1.disp();

f2.disp();

in2.disp();

return 0;

}

OUTPUT:

