Question: Write the functions to display the exact output. Use the space provided.

```
#include<iostream>
using namespace std;
class fraction
{
 private:
    int num;
    int deno;
public:
fraction(); //Set default values to 1/2
fraction(int n, int d);  //Overloaded function
~fraction()
{
   //Destructors
   cout<<"Destructors are Called For "<<num <<"/"
<<deno<<endl;
}
void addfraction(fraction); //f1=f1+f2
void print(); //Print the fraction in format :
numerator/denominator
};
int main ()
{
    fraction f1;
    cout<<"Fraction f1 = ";
    f1.print();
    fraction f2(2,3);
    cout<<"Fraction f2 = ";
    f2.print();
    f1.addfraction(f2);
    cout<<"Fraction f1 = ";
    f1.print();
    return 0;
}
```

Output

```
Fraction f1 = 1/2
Fraction f2 = 2/3
Destructors are Called For 2/3
Fraction f1 = 7/6
Destructors are Called For 2/3
Destructors are Called For 7/6
```

Question: Write the functions to display the exact output. Use the space provided.

```
#include<iostream>
using namespace std;
class fraction
{
 private:
        int num;
        int deno;
public:
        fraction();
        fraction(int n, int d);
        ~fraction();
        void print();
 };
```

```
int main ()
{
    fraction f1;
    cout<<"Fraction f1 = ";
    f1.print();

    fraction f2(1,3);
    cout<<"Fraction f2 = ";
    f2.print();
    return 0;
}
```

Output:

```
Fraction f1 = 0/1
Fraction f2 = 1/3
Destructors are Called For 1/3
Destructors are Called For 0/1
```

Question: Write an output in provided space.

```
#include<iostream>
using namespace std;
class fraction
{
 private:
     int num;
     int deno;
public:
fraction();
fraction(int n, int d);
~fraction();
void RotateFraction();
void print();
};
fraction:: fraction()
{
    num=0;
    deno=1;
}
fraction::fraction(int n , int d)
{
    num=n;
    deno=d;
}
fraction::~fraction()
{
    cout<<"Destructors are Called For "<<num
<<"/" <<deno<<endl;
}
void fraction:: print()
{
    cout<<num<<"/"<<deno<<endl;
}
void fraction::RotateFraction()
{
    fraction f(deno,num);
}
```

```
int main ()
{
    fraction f1;
    cout<<"Fraction f1 = ";
    f1.print();

    fraction f2(1,3);
    cout<<"Fraction f2 = ";
    f2.print();
    f2.RotateFraction();
    cout<<"RotateFraction f2 = ";
    f2.print();
    cout<<endl;
    return 0;
}
```

Output