

```
/*This programme shows how multiple constructors can be used in a class  
It creates a class "Ratio" used to define fractions*/
```

```
#include <iostream>  
#include <string>  
using namespace std;
```

```
class Ratio {
```

```
private:
```

```
    int num, denom;
```

```
public:
```

```
    Ratio() { num = 0; denom = 1; }
```

```
    Ratio(int n) { num = n; denom = 1; }
```

```
    Ratio(int n, int d) { num = n; denom = d; }
```

```
    void print() { cout << num << "/" << denom << endl; }
```

```
};
```

```
void main() {
```

```
    Ratio x, y = 2, z(22, 5); // Different argument passing methods
```

```
    x.print();
```

```
    y.print();
```

```
    z.print();
```

```
    system("pause");
```

```
}
```