

bill.h

```
#include <iostream>

using namespace std;

class Bill
{
private:
    const double charge = 44.50;
    const double tax = 0.0675;
    const double tip = 0.15;

public:
    void printBill();
};
```

bill.cpp

```
#include "bill.h"
#include <iostream>
#include <iomanip>
using namespace std;

void Bill::printBill()
{
    double total = charge + (charge * tax) + (charge * tip);
    cout << fixed << showpoint << setprecision(2)
        << "The meal cost is: $" << charge << endl
        << "The tax amount is: $" << charge * tax << endl
        << "The tip amount is: $" << charge * tip << endl
        << "The total bill cost is: $" << total << endl;
};
```

main.cpp

```
#include "bill.h"
```

```
int main()
```

```
{
```

```
    Bill pb;
```

```
    pb.printBill();
```

```
    return 0;
```

```
}
```

The meal cost is: \$44.50

The tax amount is: \$3.00

The tip amount is: \$6.67

The total bill cost is: \$54.18