

```
if (selection == 'm')  
| cout << " . . . . .";  
else  
| if (selection == 'i')  
| | cout << " . . . . .";  
| else  
| | cout << "Error";
```

```
if (selection == 'm')
```

```
{  
    cout << "...";  
    cout << endl;  
}
```

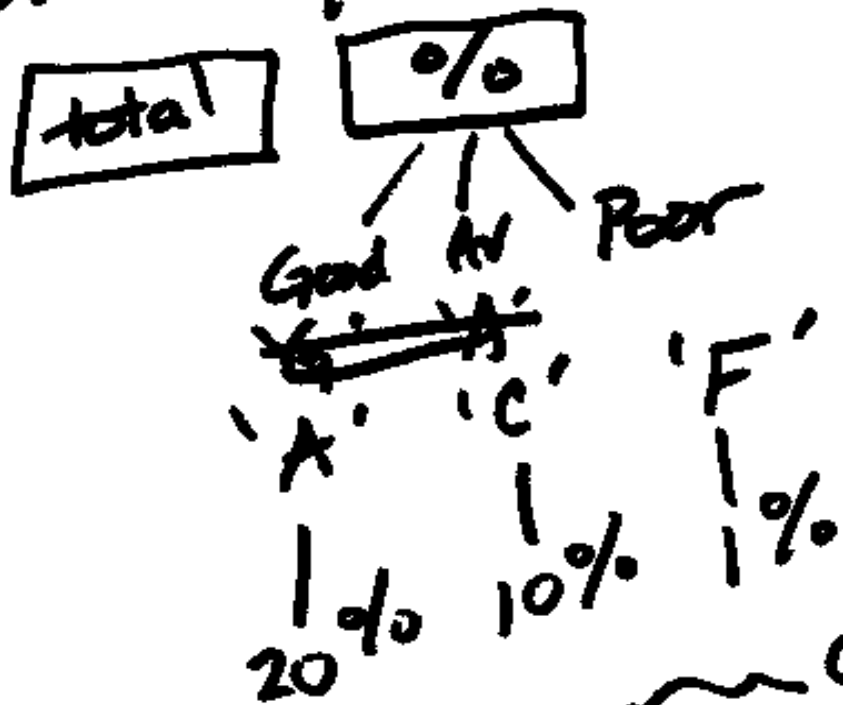
```
}  
else if (selection == 'i')  
{  
    cout << "...";  
}
```

```
}  
else  
    cout << "Error";
```

if ('m' == Selection)

Tip Calculator

1. Welcome & Set Expectations



2. Get Total, Get Performance

- Prompt
- Read
- Echoing

3. Calculate Tip

if the 'A'
tip = Total times

if the 'L'
tip = Total times

if the 'F'
tip = Total time

otherwise
Error Message

20% → .20
10% — .10
1% — .01

4. Output the Tip

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

```
// comments
```

```
int main()
```

```
{
    float total; // Bill total
```

```
    float tip; // Result
```

```
    char performance; // A, C, F
```

```
    // step 1
    cout << "Tip Calculator.....";
```

```
    // Step 2 - Get the data
```

```
    cout << "Please enter total";
```

```
    cin >> total; cin.get();
```

```
    cout << "Please enter performance: A, C, F";
```

```
    cin >> performance; cin.get();
```

```
    cout << "You entered " << total << endl;
```

```
    cout << "Server performance was " << performance << endl;
```

blank lines



//step 3- Calculate

```
if (performance == 'A')
```

```
    tip = total * .20;
```

```
else if (performance == 'C')
```

```
    tip = total * .10;
```

```
else if (performance == 'F')
```

```
    tip = total * .01;
```

```
else
```

```
    cout << "Problem . . . . .";
```

```
    tip = total * .15;
```

```
}
```

//step 4- Output Result

```
cout << "The tip should be"  
    << tip;
```

```
cin.get();  
return  $\phi$ ;
```

```
}
```