

```
// This program illustrates the use of logical operators
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```
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```
#include <iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    char year;
```

```
    float gpa;
```

```
    cout << "What year student are you ?" << endl;
```

```
    cout << "Enter 1 (freshman), 2 (sophomore), 3 (junior), or 4 (senior)"  
        << endl << endl;
```

```
    cin >> year;
```

```
    cout << "Now enter your GPA" << endl;
```

```
    cin >> gpa;
```

```
    if (gpa >= 2.0 && year == '4')
```

```
        cout << "It is time to graduate soon" << endl;
```

```
    else if (year != '4' || gpa < 2.0)
```

```
        cout << "You need more schooling" << endl;
```

```
    return 0;
```

```
}
```