

Programming and numerical analysis

Short test 2

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1.

Point out several C++ grammar mistakes, and fix the following code.

After the correction, what is the output of the following code ?

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

int main()
{
    int diosmos=1;

    for (diosmos==1;diosmos<=4;diosmos++)
    {
        switch(diosmos)
        {
            case 1:{cout << "Two "; }
            break;
            case 2:{cout << "gallons ";}
            break;
            case 3:{cout << "of milk" << endl };
            }
            break;
            default:{cout << "please!!!" << endl;}
            }
        }
    }
    return 0;
}
```

The first argument of “for” is diosmos==1. It would make more sense if it was diosmos=1 instead.

The bracket “}” before semicolon “;” at the end of the line of case 3 has to be deleted.

The output of the fixed program is

Two gallons of Milk

Please!!