```
// max of 3 numbers

int main()
{
        int a, b, c;

        a = input("a = ");
        b = input("b = ");
        c = input("c = ");

        if (a >= b and a >= c)
        {
                return a;
        }

        if (b >= a and b >= c)
        {
                return b;
        }

        if (c >= a and c >= b)
        {
                return c;
        }
}

// factorial of a number

int main()
```

```
{
        int x, factorial = 1;

        x = input("x = ");

        if (x < 0)
        {
                print("error: the factorial can only be computed for positive numbers");
                return -1;
        }

        for (int i = 1; i <= x; i++)
        {
                factorial *= i;
        }

        return factorial;
}

// factorial of a number (with 2 lexical errors)

int main()
{
        int x, factorial! = 1;              // first lexical error: the usage of an incorrect character when
defining a variable
        if (x < 0)
        {
                print("error: the factorial can only be computed for positive numbers");
                return -1;
```

```
        }


        for (int i=1; i <= x; i++) {  // second lexical error: the curly brackets that delimit the body of a
function or the scope inside a statement have to be alone on that line

                factorial *= i;

        }


        return factorial;

}
```