

Lab work – functions

1) Write **title lines** for the functions that are called by the following main program. **Do not supply the blocks for the functions.**

```
int main() {
    int x = 2;
    string s; char c = 'A';
    cout << sqrt(x + 1.5) << endl;           // (a)
    cout << allTrue(x, 5) << endl;          // (b) prints FALSE
    biggest(3.14, 2.718, 1.5);              // (c) prints 3.14
    s = asString(c); cout << s << endl;     // (d) prints A
    if ( mystery(s) == x) cout << "Bye"; // (e)
    return 0;
}
```

a) `double sqrt(double a)`

b) `string allTrue(int a, int b)`

c) `void biggest(double a, double b, double c)`

d) `string asString(char a)`

e) `int mystery(string a)`

2) Run the following command to get the textbook solution for **Ninety-Nine Bottles of Beer** after 12 p.m. today.

```
cp ~ctse/cs111/beer.cpp .
```