

## Object-Oriented Programmaming, Task List 8

Due: 19 May 2010

1. Write a function

```
multdigit( char c1, char c2, unsigned int& carry,  
           char& res )
```

that computes  $( \text{carry}, \text{res} ) := \text{res} + \text{carry} + c1 * c2$  .

2. Write a function

```
std::vector< char > multiplynumbers( std::vector< char > nr1,  
                                    std::vector< char > nr2 )
```

that multiplies the numbers nr1 and nr2 and which returns the result. Use the solution from the previous task.