

# BALTIC OLYMPIAD IN INFORMATICS

Stockholm, April 18-22, 2009

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## Task Overview, day 1

### **beetle** — Beetle

Time limit	4 s
Memory limit	16 megabytes

### **candy** — Candy Machine

Time limit	3 s
Memory limit	64 megabytes

### **subway** — Subway Signalling Error

Time limit	2 s
Memory limit	64 megabytes

## Useful commands

- Pascal compiler flags:

```
fpc -Sg -O2 <file.pas>
```

- C compiler flags:

```
gcc -std=c99 -O2 -lm <file.c>
```

- C++ compiler flags:

```
g++ -O2 <file.cc>
```

- Printing:

```
boiprint file.c
```

After issuing this command, wait for an assistant to deliver you the printout. Print jobs submitted with other commands than `boiprint` will be ignored.

- Example input files are available in `~/Desktop/BOI/beetle.in`, `~/Desktop/BOI/candy.in`, `~/Desktop/BOI/subway1.in` and `~/Desktop/BOI/subway2.in`.

- Some keys in `vim`, including the arrow keys and backspace, don't work by default. This is fixed by the following command:

```
cp ~/Desktop/BOI/.vimrc ~/
```