Scramble beta 2.0

Multi Lingual
  Integrated Development Environment

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Classical problems

- 1. 16-bit apps not running on windows 7. n higher

- 2. cumbersome process of Programming in java..??

- 3.Using heavy IDE's-wastage of system resources.

- 4. Developing programs without target platform info(processor –core information).
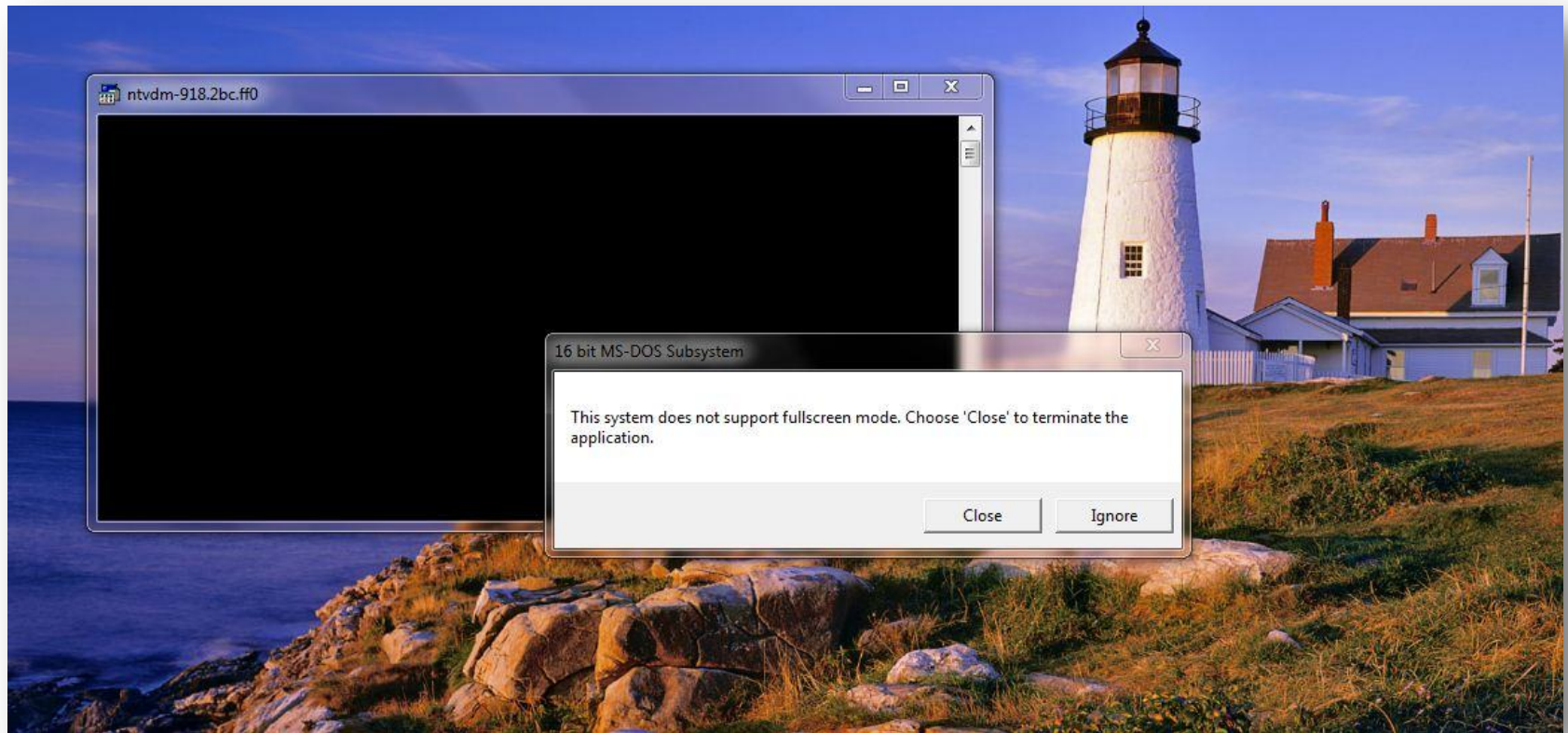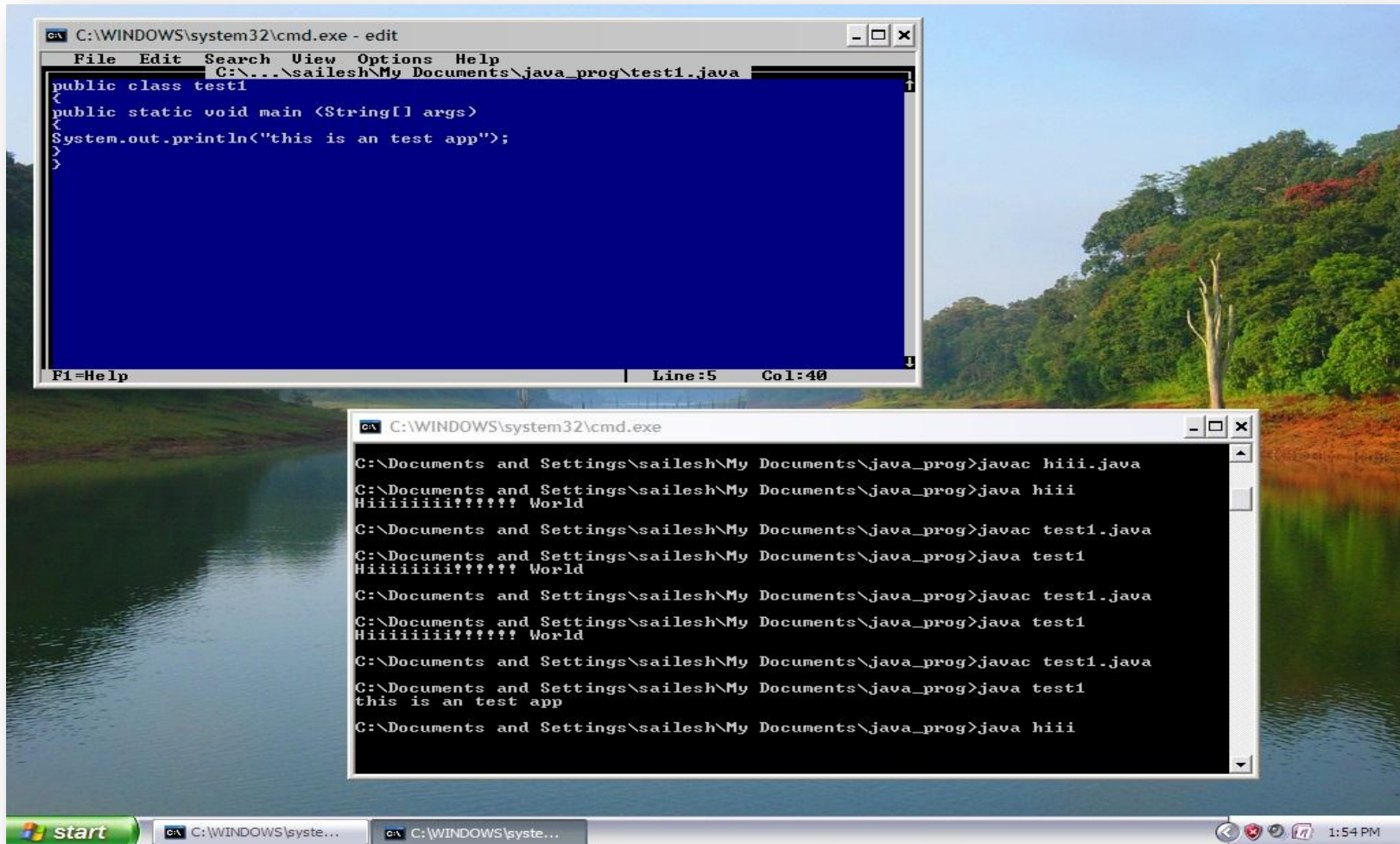
- 5. Scattered breakpoints.

Issue #1

Fig 1. 16-bit apps not running on windows 7. n higher

Issue#2

Fig 2. cumbersome process of Programming in java..??

Issue#3

Fig 3. Using heavy IDE's-wastage of system resources.

Issue#4

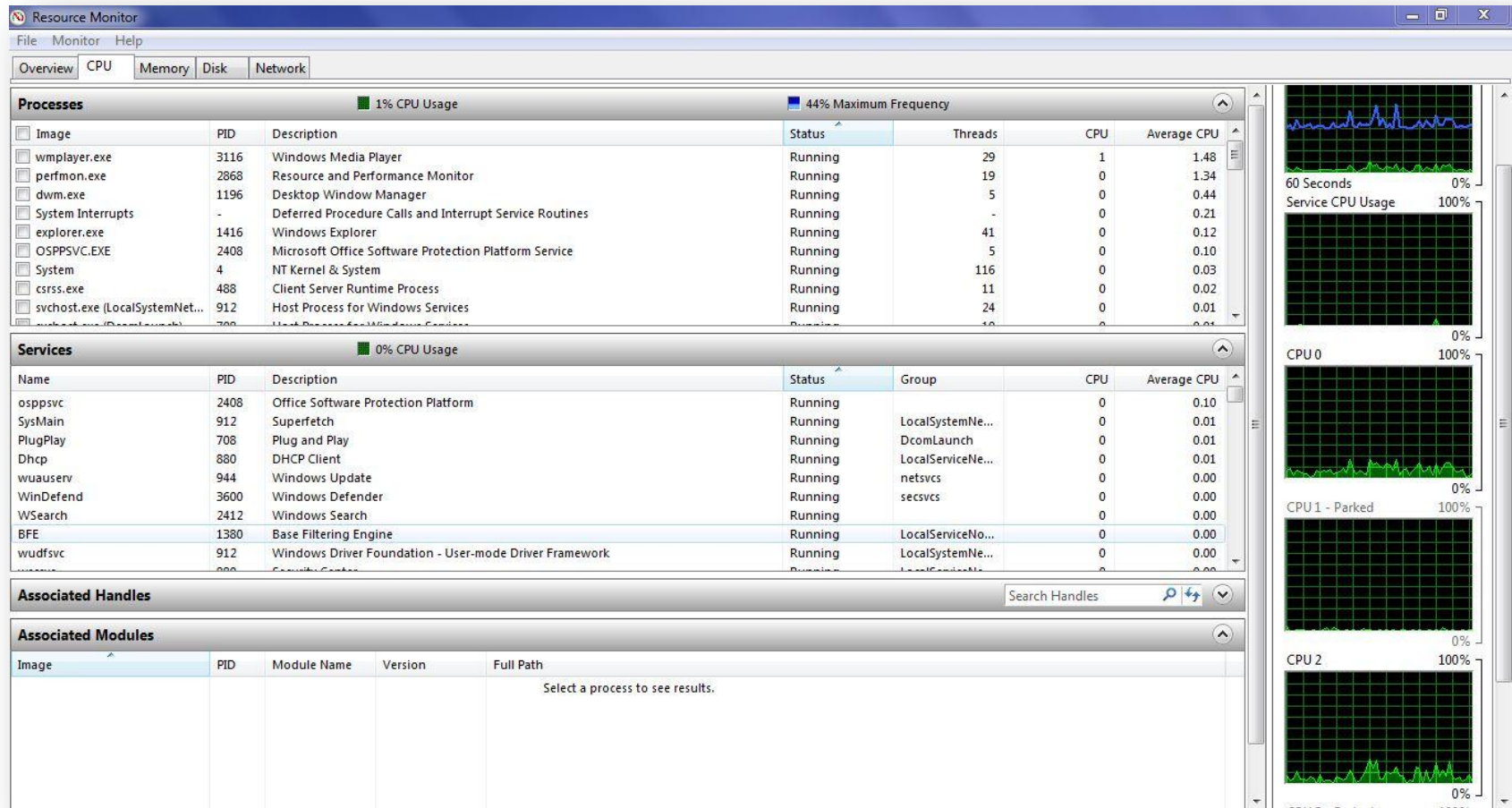**Fig 4. Developing programs without target platform info(processor – core information).**

Problem #5

- Placing breakpoints in programs.

Solution
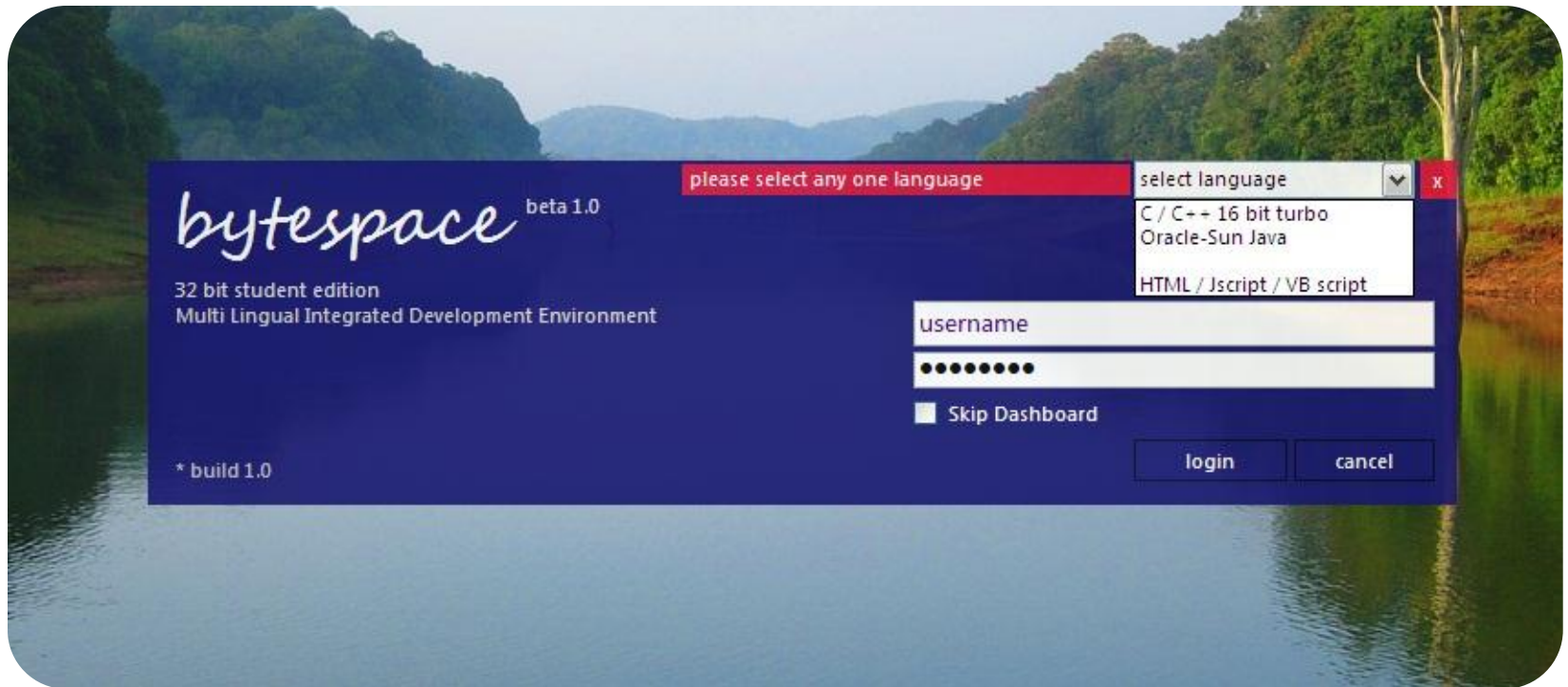

Fig 5. Bytespace beta 1.0 – *code named as "Project Scramble"*
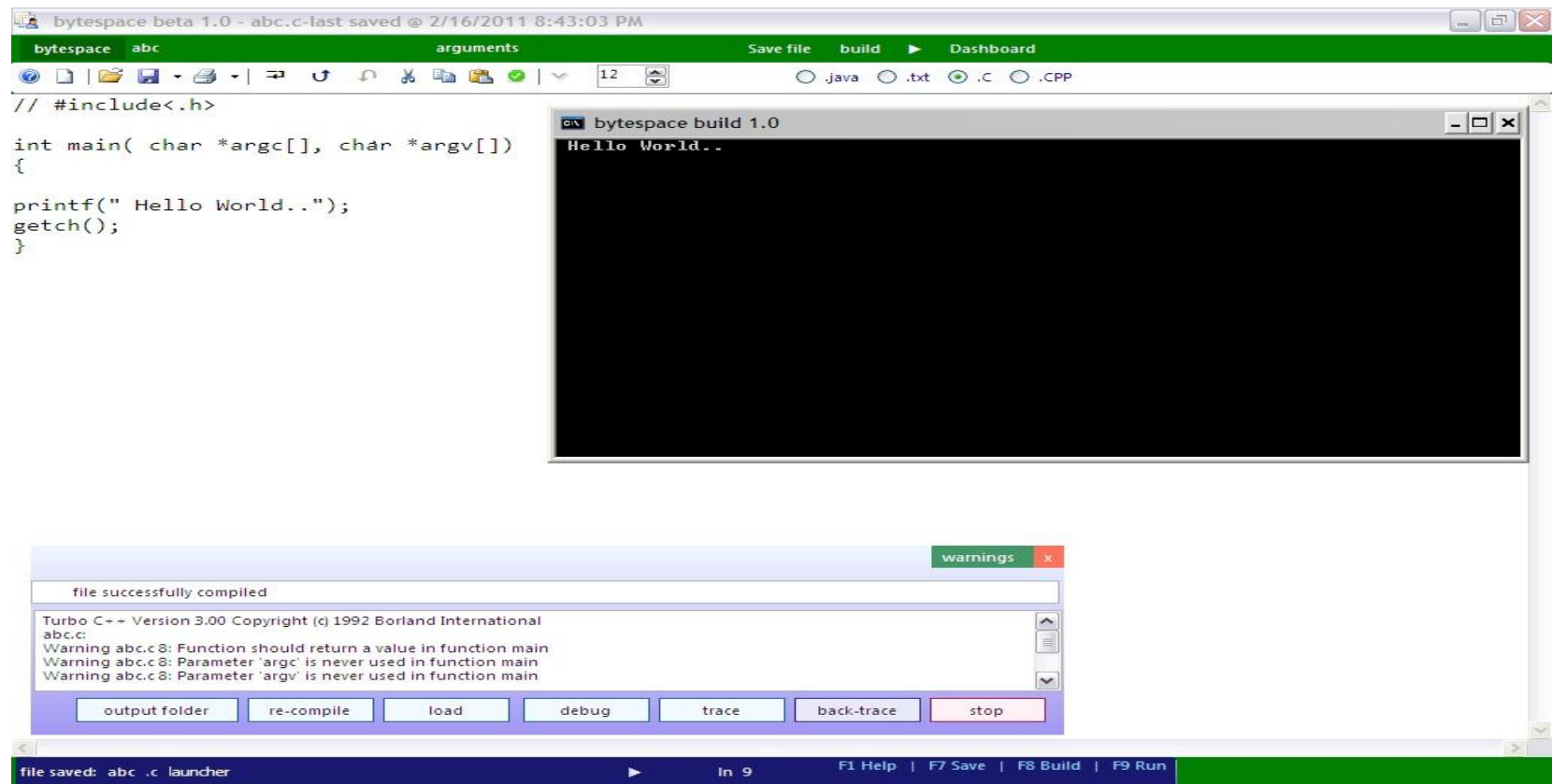
Solution #1

Fig 5. Bytespace beta 1.0 – **running Turbo C++ version 3.00**
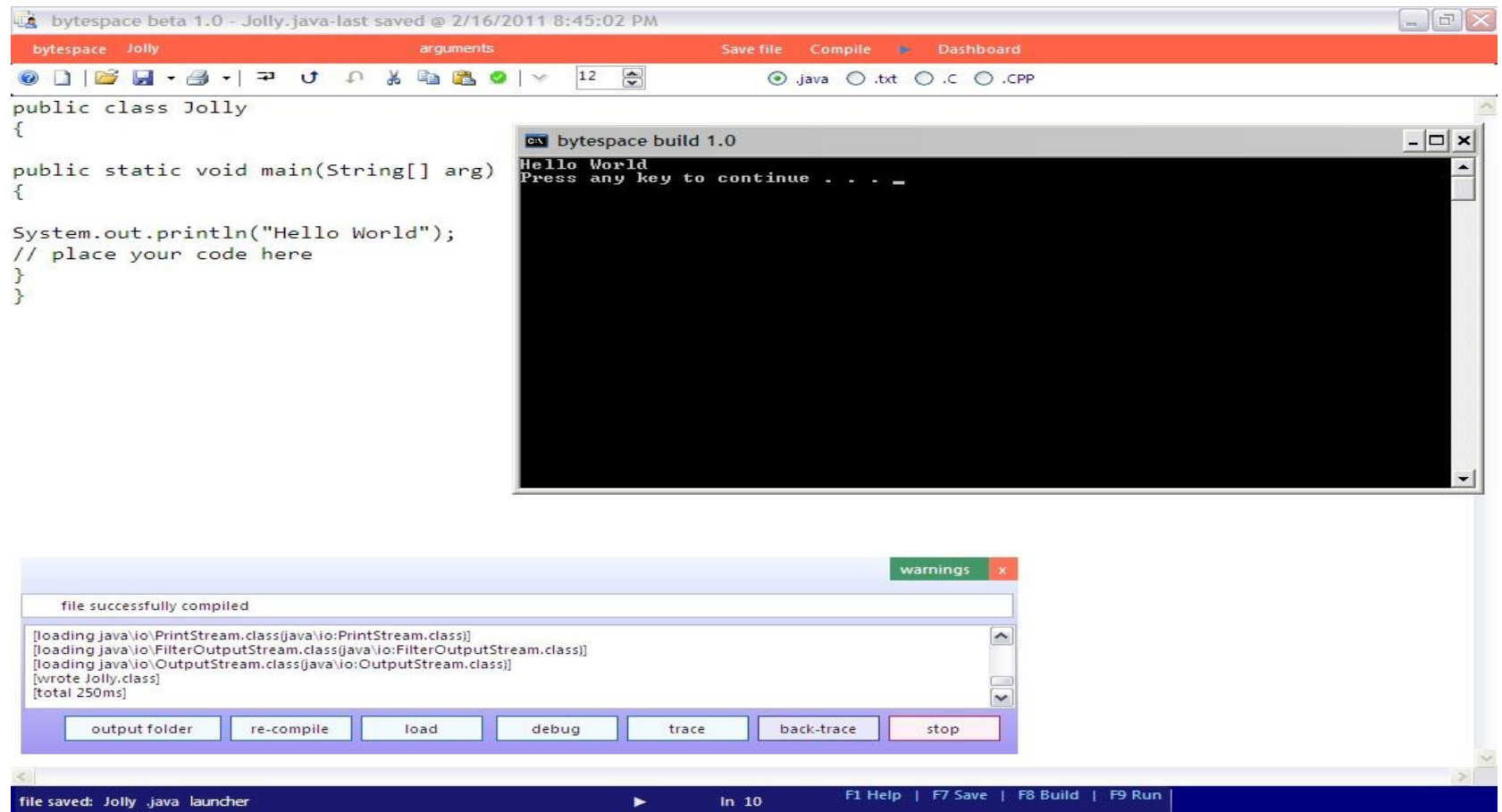
Solution #2

Fig 5. Bytespace beta 1.0 – **running Java SDK 6.0**

Solution #3

The New Way of Debugging – Tracing Route of Program Execution.

- Why are breakpoints used?
- > to put stops to execution paths, so as to figure out which segment of the program contains the bug.

- What's new?
- > tracing the route the program took, hence knowing which branch got executed, which if block was executed and which wasn't.

More features

- Profiler
  - Gets a snapshot of the environment in which the program is running.
  - Collects run-time data like system memory space utilized, number of processes running on system, if connected to net; network details, etc.
- Code analysis
  - Shows the assembly level code for C/C++
- Multi threaded Debugging
  - Each of the program that a developer creates, runs as a new thread.

Walk-through

- C/C++
- HTML
- Java

Limitations

- Code-assist features
  - Syntax highlighting and auto-complete feature removed.
- Project management
  - Will be made available in higher versions of the product.
- Black box testing
  - Will be automated in higher versions of the product.
- Help documentation
  - *Will be shortly made available online.*

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Questions ?

Thank you all.