HIGH LEVEL ARCHITECTURE

**Interpreter Main** will read command line. If there is a “-d” argument then it will initiate to run in debug mode, else it will initiate to run in interpreter mode. If it’s in debug mode then it will build the **ConsoleUI**, **DebugVM**, etc., and give control to the **ConsoleUI** instance. If the user is communicating with the **ConsoleUI** and asks to set breakpoints at lines 4 and 5 then it will call the *setBP* method of the **DebugVM** to set the breakpoints. Then, it will continue to ask the user for more commands. The **DebugVM** API consists of the ***public*** methods of the **DebugVM**.

**Interpreter Main**

* create new debugVM/Console UI OR
* create new interpreter instance to run in interpreter mode

**API**

*setBP*

*getCurrentFctSource*

*continueExec*

…

**Console UI**

**DebugVM**