PROJECT 2

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1. **Programming environment.**

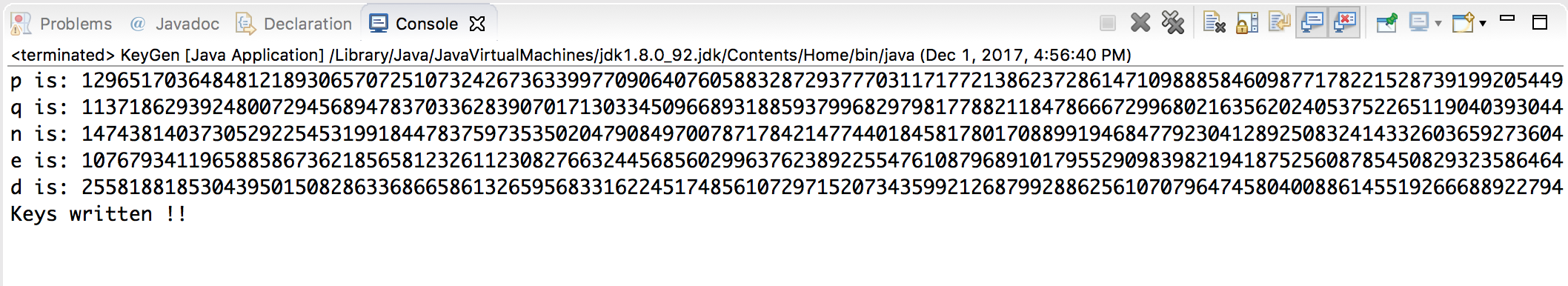
* Run Eclipse.
* Import the java files.

1. **User manual: how to compile and run program.**

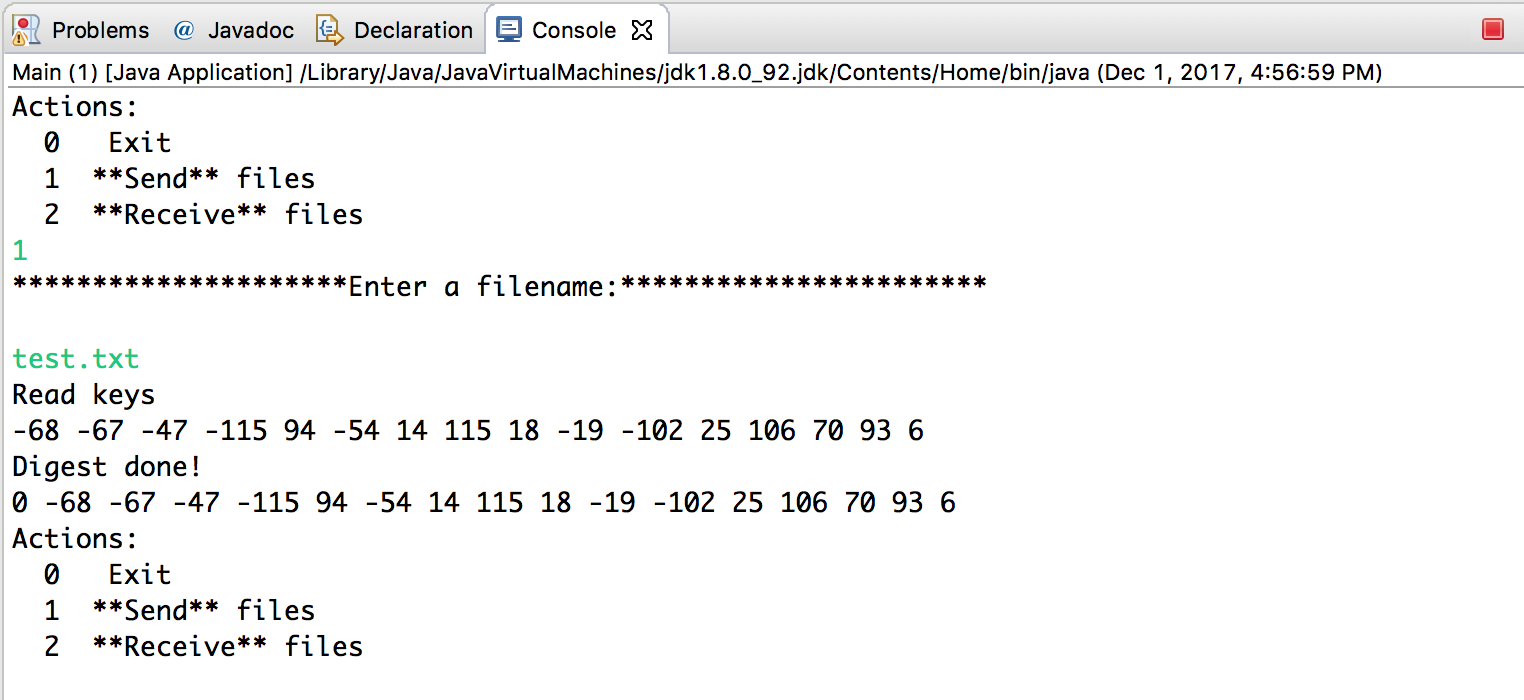
* First run KeyGen.java, it will generate public and private keys and create two files **privkey.rsa** and **pubkey.rsa**.
* Now run main.java and choose option 1 to send file and file name as **test.txt.** (Assuming you already have test.txt under your file directory.) and it will genarte signed file named as test.txt.signed.
* Now run ChangeByte.java and enter file name as **test.txt.signed.** Then enter an index to change byte i.e 1.
* Now again run main.java and select option 2 as receive file and enter file name as test.txt.signed and it will show weather the file has been tempered or not.

C) **Screenshot of testing.**

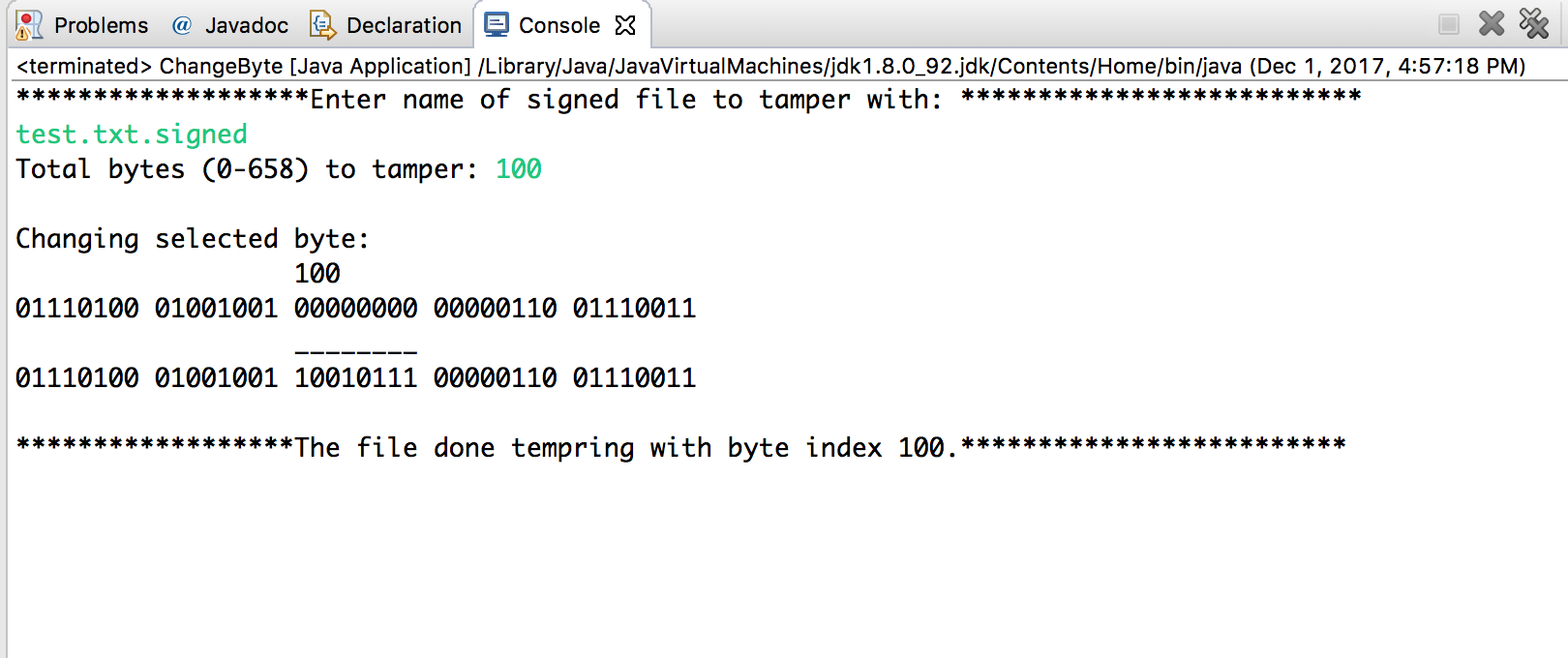
1. **Running KeyGen.java**



1. **Running Main**



1. **Changing bytes by running ChangeByte.java.**



**4. Reciving file and checking for tempering by running Main.java.**

