

Problem 1: Real-time systems and software

Learning objectives for taking 16.35:

1. I am part of the 'ground station' group in 16.83, and would like to learn more about analyzing the telemetry sent back from our satellite in real time.
2. I would like to learn more about real time control of systems that are in space, such as the control systems for the SpaceX Dragon
3. Similarly, I want to learn how multiple commands can be sent to a complicated space system, and in what order they are processed

Time spent on problem: 10 minutes

Problem 2: Documentation

1. The current Athena default release is 1.7.0_75 (Linux 32/64) (Source: <http://web.mit.edu/java/www/home.html>)

2.

```
public class A
{
    public static void main(String ... args)
    {
        System.out.println(1);
        assert false;
        System.out.println(2);
    }
}
```

(Source: <http://stackoverflow.com/questions/11415160/how-to-enable-the-java-keyword-assert-in-eclipse-program-wise>)

3. To convert string to double:

```
double aDouble = Double.parseDouble(aString);
```


(Source: <http://www.java2s.com/Code/Java/Language-Basics/Convertstringtodouble.htm>)
4. To create JAR files:

```
jar cf jar-file input-file(s)
```

Where input-file(s) are the files in asst1
(Source: <http://docs.oracle.com/javase/tutorial/deployment/jar/build.html>)

Time spent on problem: 20 minutes

Problem 6: Code control




Unwatch 1



Star 0


Fork 0



branch: master


Commits on Feb 10, 2015



 **source code added**
preethv authored 2 minutes ago


 7484951 



 **redoing the asst1 thing**
preethv authored 13 minutes ago

 ef5a343 



 **Delete test.txt**
preethv authored 21 minutes ago



 394f611 

 **try3**
preethv authored 24 minutes ago

 d49df3b 

Commits on Feb 3, 2015

  **Added .gitattributes & .gitignore files**
preethv authored 7 days ago

 3975cc0 

Time spent on problem: 60 minutes