

SCHOOL OF COMPUTER SCIENCE



PRIFYSGOL  
**BANGOR**  
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# Java Technologies Notes

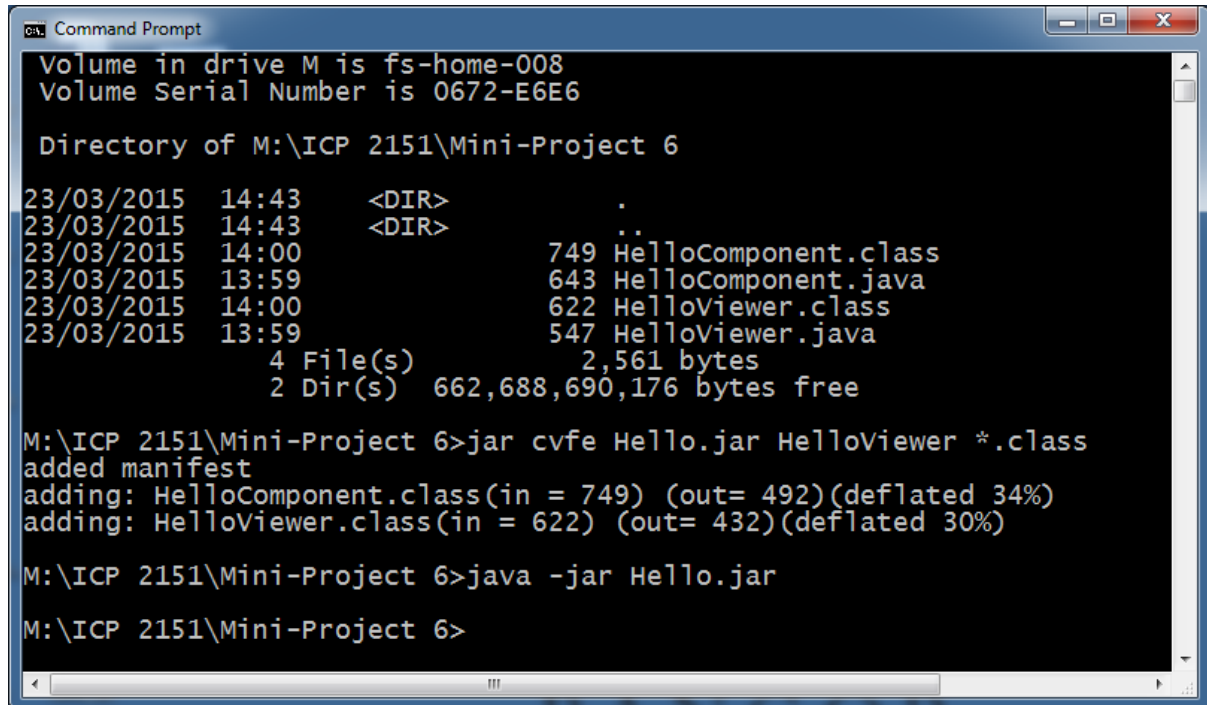
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## Notes on JAR Files

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## Exercise 1: Creating and Executing JAR Files

The following sequence of commands can be used to generate a JAR file with a manifest containing an entry point



```
Command Prompt
Volume in drive M is fs-home-008
Volume Serial Number is 0672-E6E6

Directory of M:\ICP 2151\Mini-Project 6

23/03/2015  14:43    <DIR>          .
23/03/2015  14:43    <DIR>          ..
23/03/2015  14:00                749 HelloComponent.class
23/03/2015  13:59                643 HelloComponent.java
23/03/2015  14:00                622 HelloViewer.class
23/03/2015  13:59                547 HelloViewer.java
                4 File(s)                2,561 bytes
                2 Dir(s) 662,688,690,176 bytes free

M:\ICP 2151\Mini-Project 6>jar cvfe Hello.jar HelloViewer *.class
added manifest
adding: HelloComponent.class(in = 749) (out= 492)(deflated 34%)
adding: HelloViewer.class(in = 622) (out= 432)(deflated 30%)

M:\ICP 2151\Mini-Project 6>java -jar Hello.jar

M:\ICP 2151\Mini-Project 6>
```

Figure 1 Building an executable JAR file