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- M257 software activities downloads and installation instructions
- instructions for running the activities
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- a note on using the Class template
- Unit 9 activities: Windows Vista, Windows 7 and telnet.

M257 software activities downloads and installation

At various points in the module units, there will be practical activities for you to carry out in order to consolidate your understanding of the material. These will be indicated by a keyboard icon in the margin and the relevant activity number.

To carry out these activities you will need to download and install the software contained in the two .zip archives below. To install the software unzip the archives to the root of your C:\ drive.

M257 Activities for Units 1–10 (2.8MB zip archive)

This file contains the M257 software activities you will need for Units 1–10.

M257 Activities – Units 11 and 12 (687.3KB zip archive)

This file is an *optional* download. It contains the activities to go with the optional case studies in Units 11 and 12.

Running the activities

When you are directed to do an activity within the module text you will have to carry out the following steps:

1. Ensure you have NetBeans installed. To install NetBeans refer to the installation instructions on the back of the NetBeans Software CD-ROM (CDR 1360). At this point you will also install the Mobility Pack (J2ME WirelessToolkit), which is required for some Unit 10 Activities.
2. Work your way through the NetBeans Guide to familiarise yourself with the NetBeans interface and how NetBeans functions.
3. Ensure you have downloaded and installed the M257 software activities.
4. Launch NetBeans by double-clicking on the desktop icon, or select **NetBeans** from **Start > Programs**.
5. Within NetBeans select **File > Open Project**, and in the **Open Project** dialogue navigate to the relevant activity within the M257 software folder. For example, if you were trying to open Activity 2 from Unit 1 and you had accepted the default installation instructions when you installed the M257

software you would need to navigate to C:\M257\Unit 1\ and then select the folder called **Ex1_2**. Make sure

Open as Main Project is ticked and click the **Open Project Folder** button at the bottom right of the dialogue window.

6. To read the instructions, following on from point 5 above, for Activity 2 from Unit 1 do the following. With the **Ex1_2 Project** open in NetBeans, in the **Projects** window click on the + icon to expand the **Ex1_2** node. In the same manner expand the **Source Packages** node and then expand the **instructions** node.
7. Right-click on the **Activity1.2.htm** file and select **View**. This will launch the instructions in a browser window. Please note you must right-click on the HTML files and select **View** to view them in a browser. If you double-click the file, or if you select **Open** after right-clicking the file, it will open within NetBeans as HTML code.

Running code from the HTML solution files

If you want to run any code provided in the HTML solution files you can easily do so by copying and pasting the solution code from the browser into the Java file. When doing this, it is important NOT to paste over the package statement – it is alright to paste over any of the rest of the class.

Class template

You will notice that when NetBeans is asked to create a new class it uses a template: the new class is created with a standard layout, including some boilerplate comments. We can rearrange the comments in any way that suits us, since this has no bearing on the running of the code, and you will find that for the activities we have slightly streamlined the layout provided by NetBeans.

Unit 9 activities: Windows Vista, Windows 7 and telnet

Some Unit 9 activities require the use of the telnet program. Follow the link below for more information.



Telnet advice for Windows Vista and Windows 7 for Unit 9 activities

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