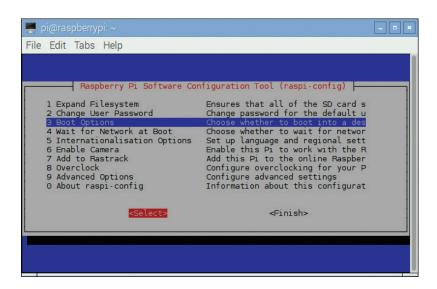# Automating the login

Unless you particularly wish to use your Raspberry Pi as a console system it becomes tedious to log in and start the X server manually, so the process can be automated using the configuration tool.

1 Start up your Raspberry Pi then log in to the system as the default user **pi** with the **raspberry** password

2 When the user prompt appears, type **sudo raspi-config** then hit Return – see the configuration tool appear

```
pi@raspberrypi ~ $ sudo raspi-config
```

3 When the configuration menu appears, use the up/down keyboard arrow keys to choose the "Boot Options" item – then hit Return to select it

```
pi@raspberrypi: ~                                    _ □ ✕
File  Edit  Tabs  Help

        ┤ Raspberry Pi Software Configuration Tool (raspi-config) ├
        1 Expand Filesystem          Ensures that all of the SD card s
        2 Change User Password       Change password for the default u
        3 Boot Options               Choose whether to boot into a des
        4 Wait for Network at Boot   Choose whether to wait for networ
        5 Internationalisation Options  Set up language and regional sett
        6 Enable Camera              Enable this Pi to work with the R
        7 Add to Rastrack            Add this Pi to the online Raspber
        8 Overclock                  Configure overclocking for your P
        9 Advanced Options           Configure advanced settings
        0 About raspi-config         Information about this configurat

                    <Select>                    <Finish>
```

4 In the list of options that appears next, use the up/down keyboard arrow keys to choose the "Desktop Autologin" item – then hit Return to select it

---

Don't forget

You need to temporarily assume superuser status with **sudo** to make configuration changes.

Beware

The "Overclock" menu item allows the ARM processor on some models of the Raspberry Pi to be run above their default speed to increase performance – but this may reduce the life of your Raspberry Pi.
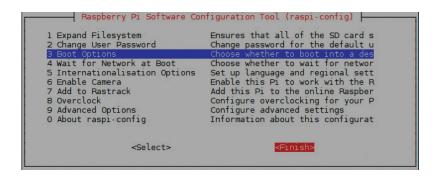
…cont'd

```
┤ Raspberry Pi Software Configuration Tool (raspi-config) ├

  B1 Console         Text console, requiring user to login
  B2 Console Autologin Text console, automatically logged in as 'pi' user
  B3 Desktop         Desktop GUI, requiring user to login
  B4 Desktop Autologin Desktop GUI, automatically logged in as 'pi' user




          <Ok>                        <Cancel>
```

5 Next, use the left/right keyboard arrow keys to choose "Finish" then hit Return to apply the configuration change

```
┤ Raspberry Pi Software Configuration Tool (raspi-config) ├

  1 Expand Filesystem        Ensures that all of the SD card s
  2 Change User Password     Change password for the default u
  3 Boot Options             Choose whether to boot into a des
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  9 Advanced Options         Configure advanced settings
  0 About raspi-config       Information about this configurat

          <Select>                      <Finish>
```

6 In the dialog that now appears use the left/right keyboard arrow keys to choose "Yes" – then hit Return to reboot the system straight to the GUI desktop

```
  Would you like to reboot now?








          <Yes>                  <No>
```

Don't forget

Avoid changing the user password "raspberry" for the default user named "pi" in case you forget the new password.