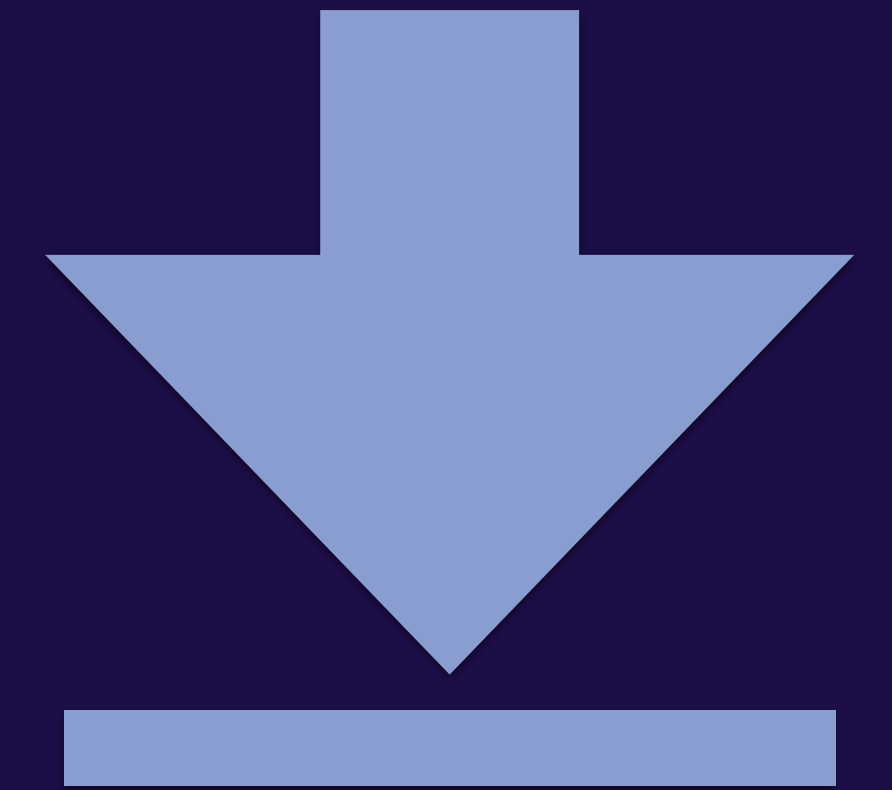


Apply Updates



Secure Vulnerabilities and Enhance Functionality

Code has bugs...

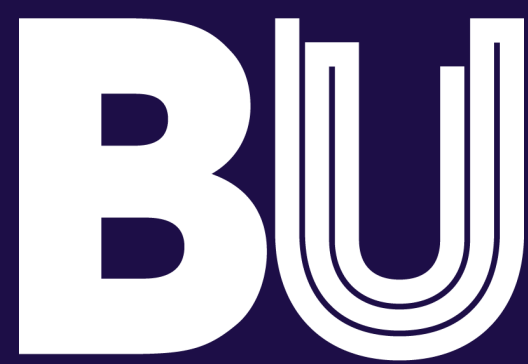
```
private static final int AUTHENTICATION_DEFAULT_VALUE = 3;
private LoginManager mLoginManager;
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    mLoginManager = (LoginManager) getSystemService(Context.ACCOUNT);
    Button loginButton = (Button) findViewById(R.id.loginButton);
    if (!mLoginManager.isLoginSecure()) {
        Toast.makeText(this,
            "Please supply your username and password.",
            Toast.LENGTH_LONG).show();
        loginButton.setEnabled(false);
        return;
    }
    createKey();
    findViewById(R.id.usernameButton).setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) { validateLogin(); });
    }
}
```

...which can be exploited
to steal data



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Updates fix bugs. Update your software.

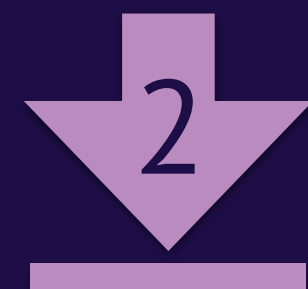
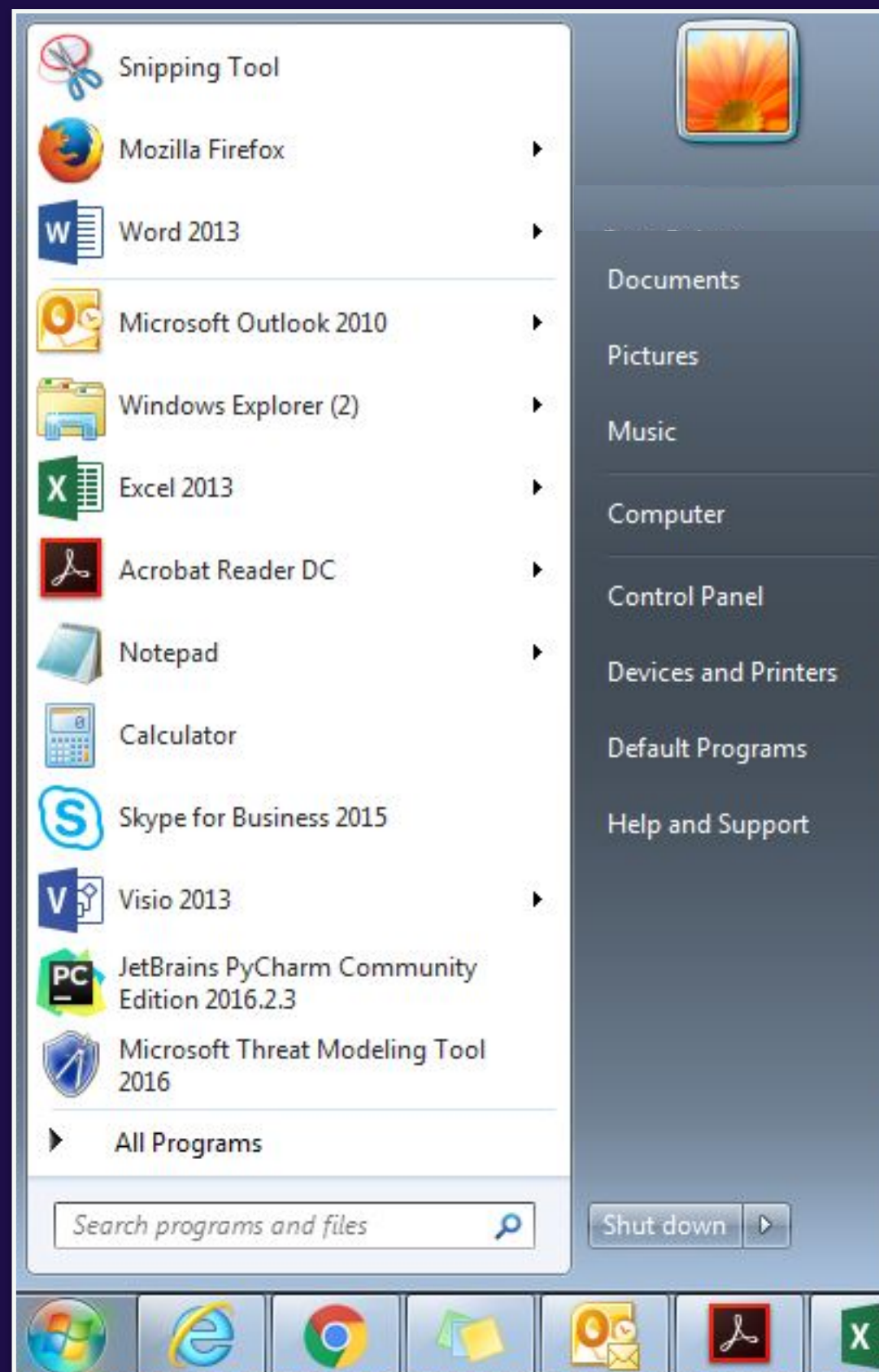


Bournemouth University

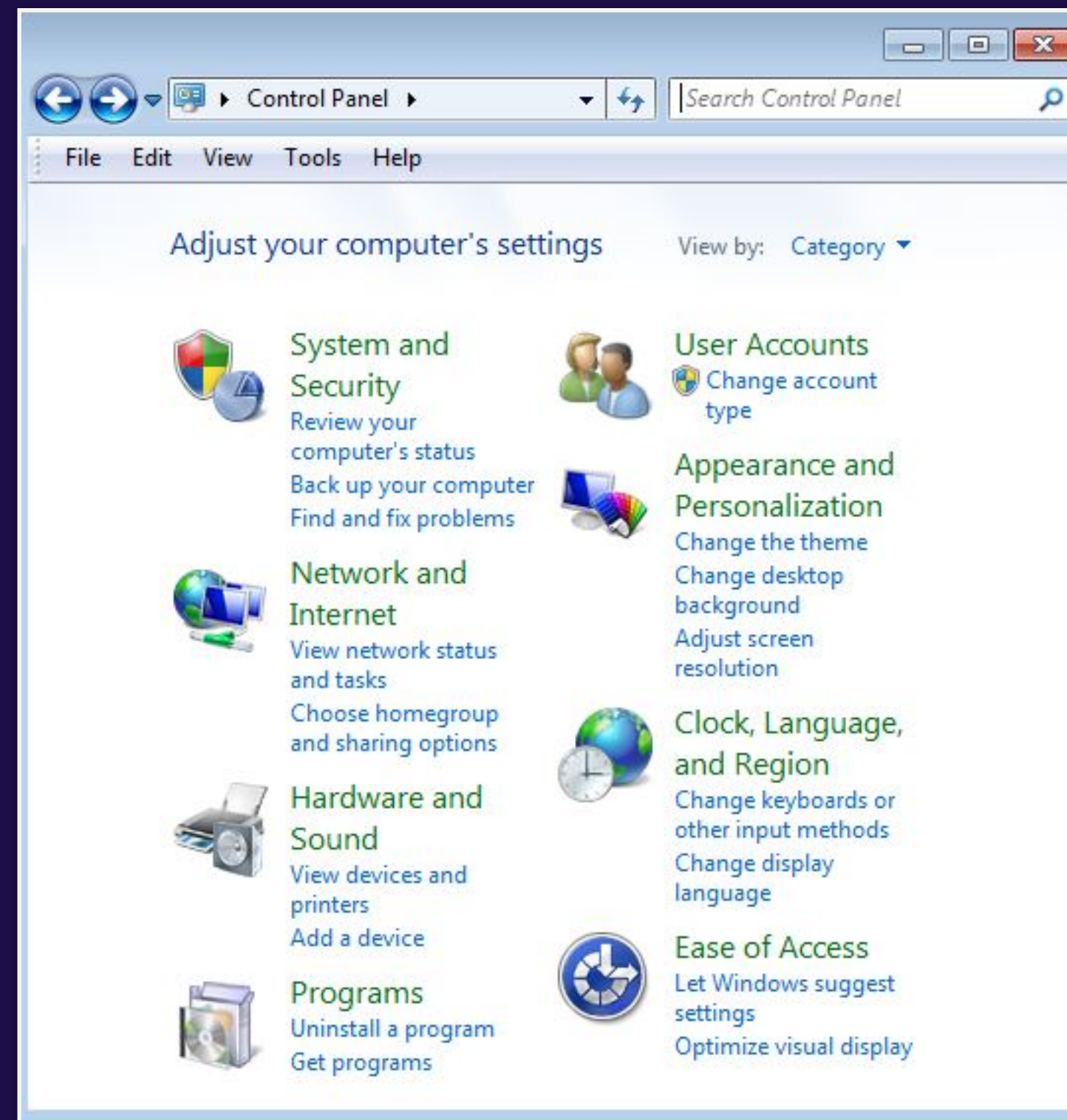
To update Windows 7 ...



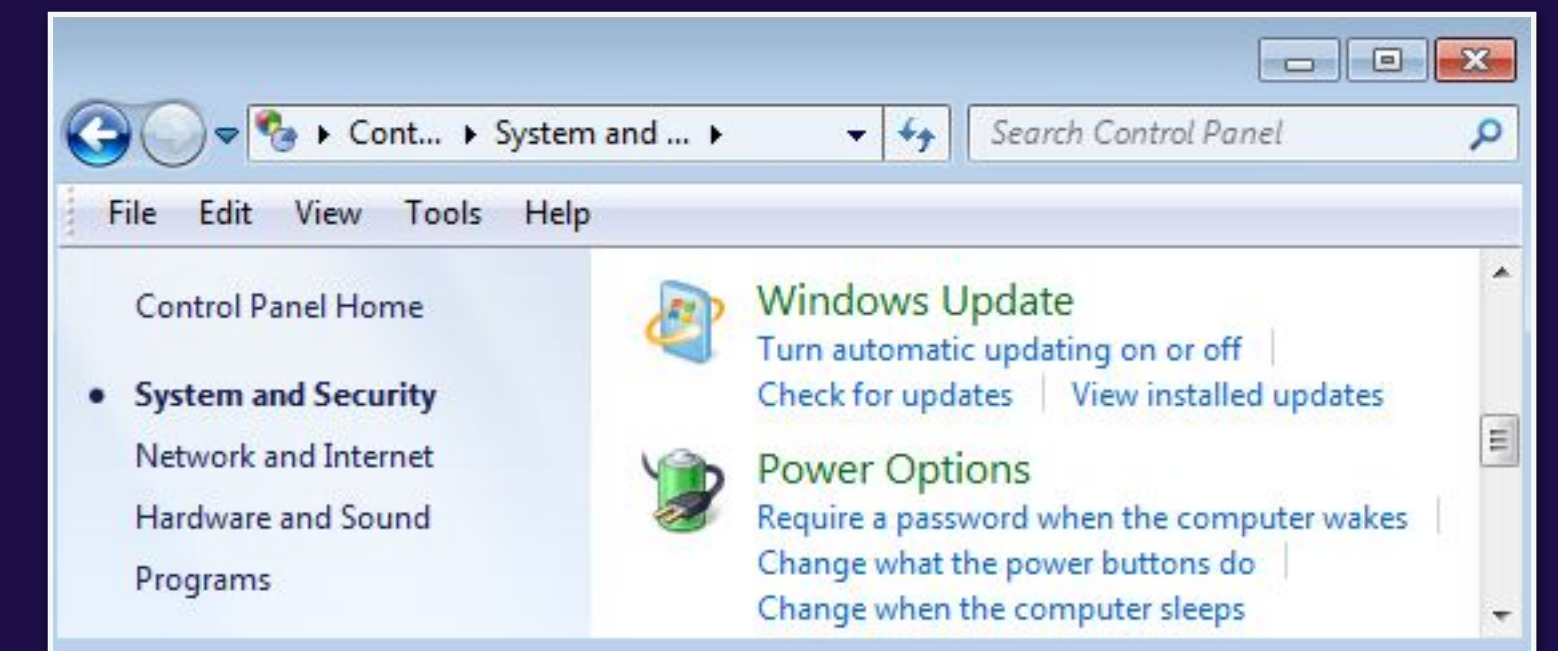
Select the **Control Panel** on the **Start Menu**



Click on the **System and Security** settings

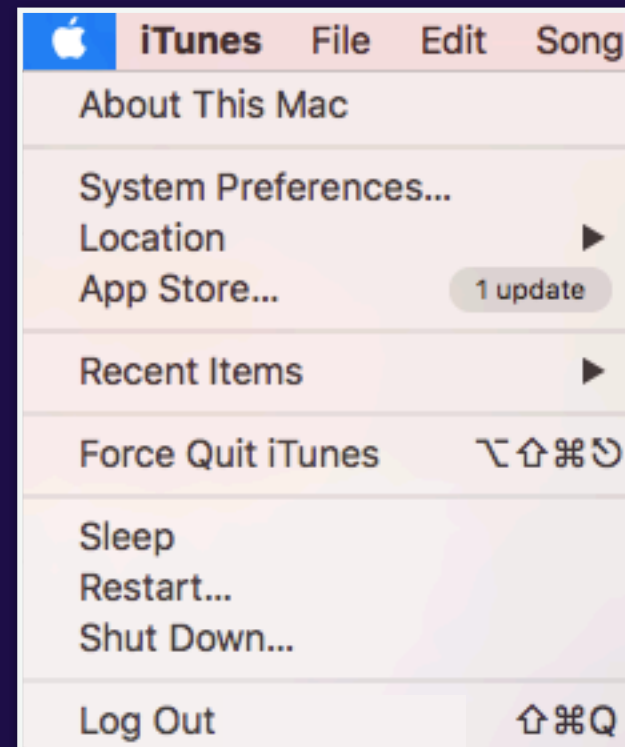


Then click on the **Check for updates** link

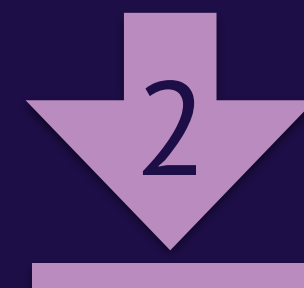


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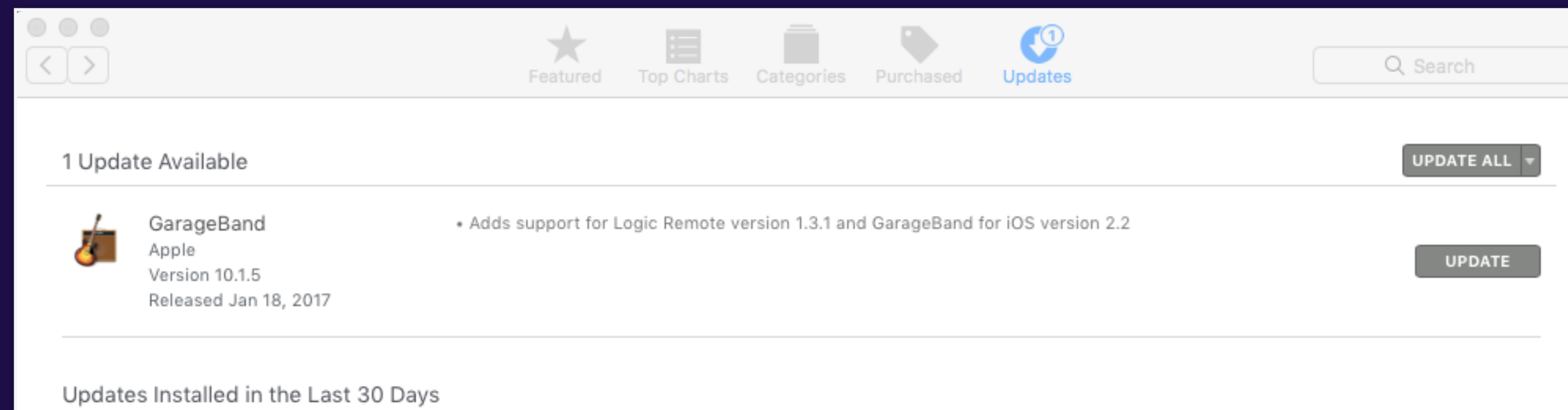
To update Mac OS X ...



Locate the Apple's logo,
and select the **App Store**
on the list

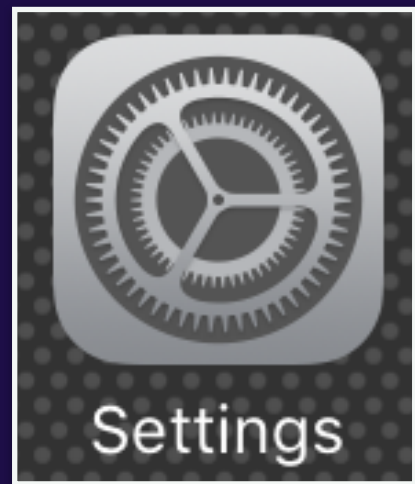


Click the **UPDATE ALL** or
UPDATE button

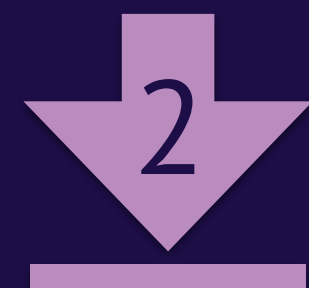
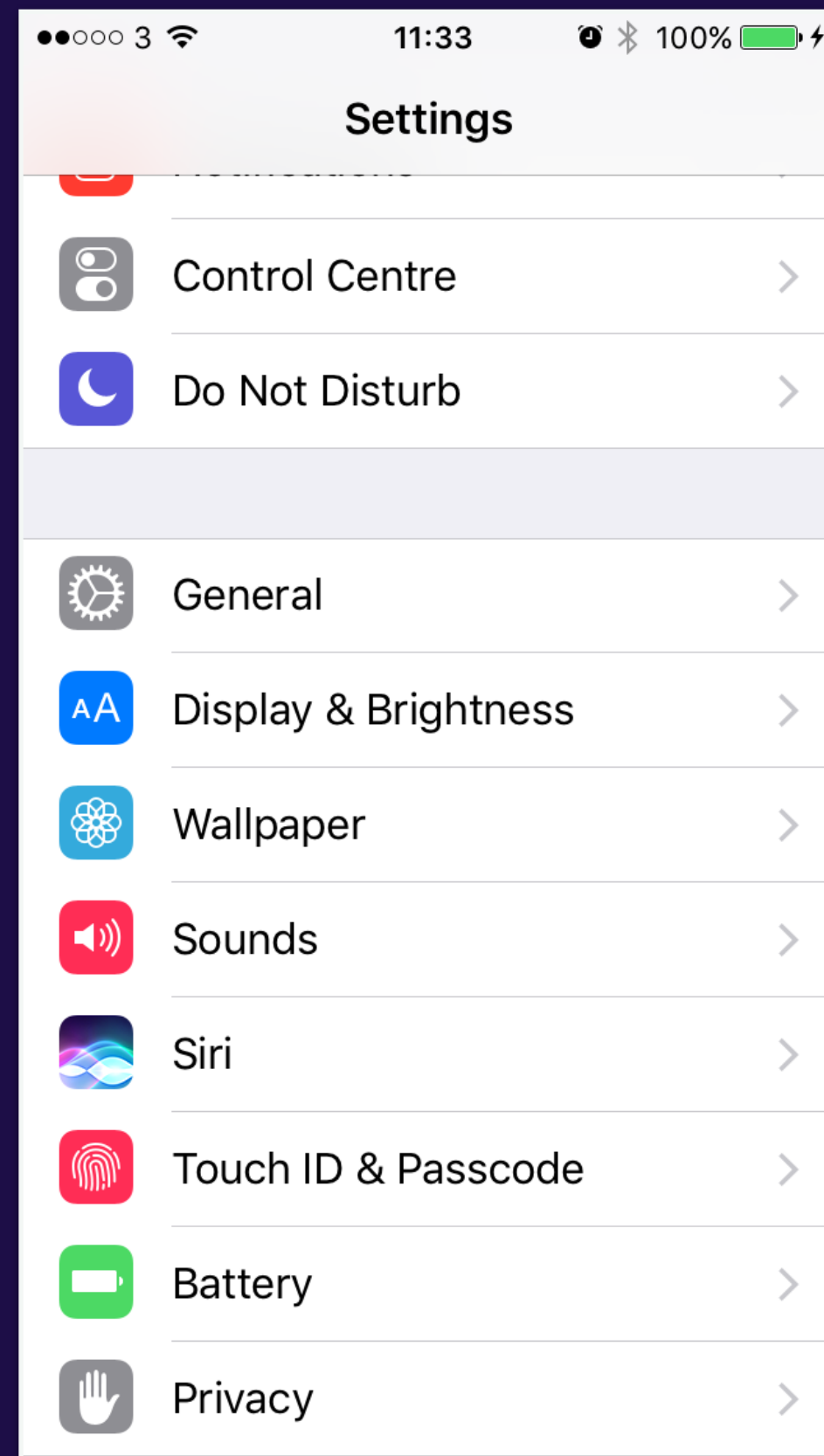


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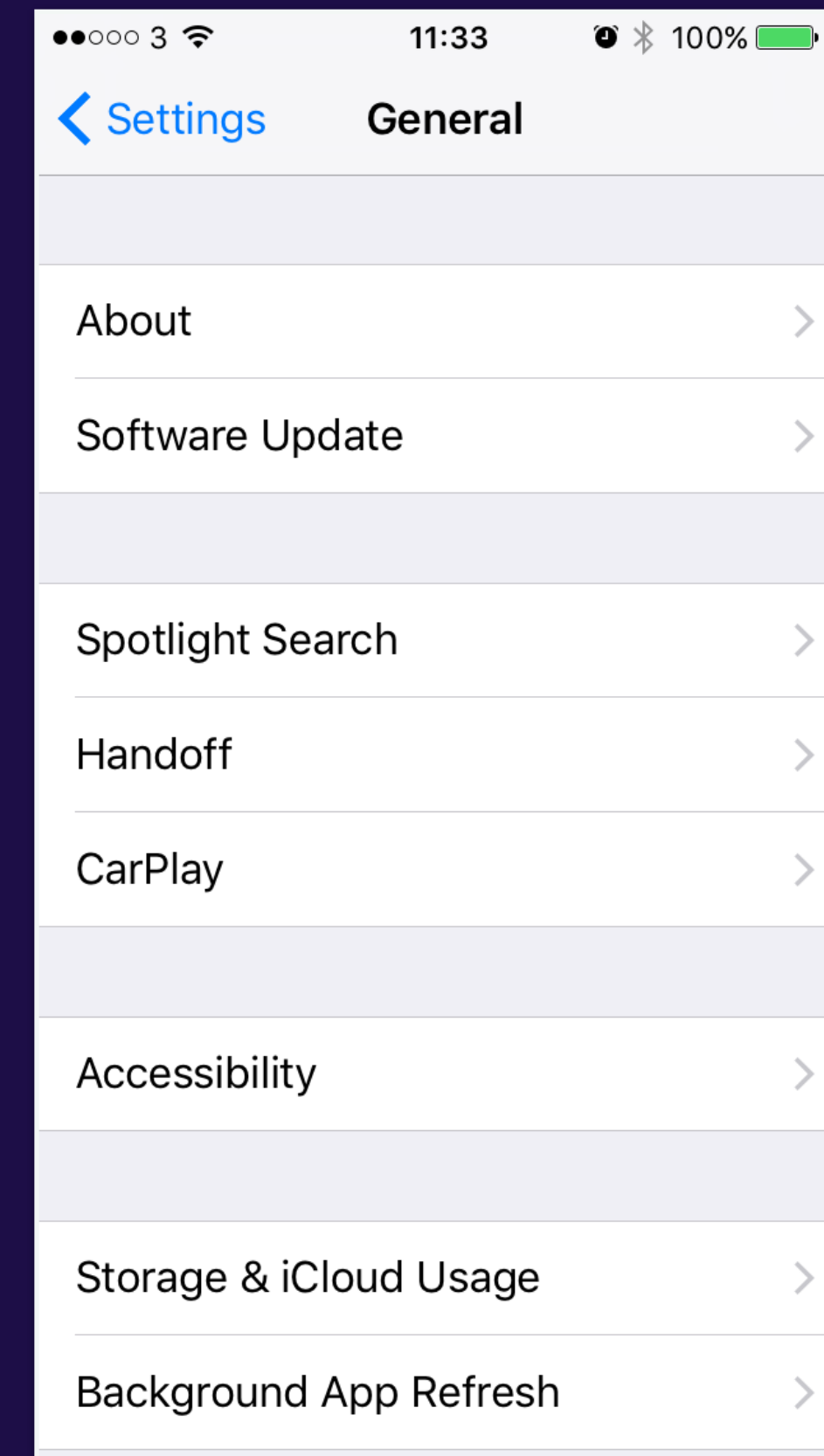
To update iPhone/iPad iOS ...



Open the
Settings app



Navigate
to the
General
option



Click the
**Software
Update**

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