

Practical 2
Number Representation

NOTE: Use of internet is not permitted, calculators are permitted and your answers must include worked solutions. If you require extra sheet(s) please write your name and student number at the top of each additional sheet.

Part A

Objective

Convert decimal numbers to binary showing in detail the conversion process

1. Convert the number of days in a leap year 366_{10} to Base_2
2. Convert the number of available seats in the new Páirc Uí Chaoimh $45,000_{10}$ to Base_2

Number Representation

Convert numbers base_n to hexadecimal showing in detail the conversion process

1. Convert the number 181336782_{10} to Base_{16}
2. Convert the number C0FF.EE_{16} to Base_{10} directly

Number Representation

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Practical 2
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Hand up this practical report at the end of session and ensure it has been checked

Student Name		Student Number	
Date		Checked	
Group	A / B		