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| Portfolio Activity | 1: Build a Calculator |
| Team Names | Neil Williams  Bob Dewhurst |
| Goal  What exactly are we trying to achieve?  What does success look like?  SMART Goals | 1. 4 functions one for each calculation 2. 1 control function 3. 3 pieces of information from keyboard in control function 4. Decision using if statements in control function 5. Nice information messages to use |
| Method  What is to be produced?  How are we going to achieve our goal? | Neil Driver Bob Navigator  Create 4 function for calculation and test that they are working  Bob Driver Neil Navigator  Create control function, tested for inputs, tested for controls, look at messages |
| Metric  What goals have been met?  How do we know they have been met?  What still needs to be done? | * Addition Function working as required with tests * Subtraction Function working as required with tests * Multiplication Function working as required with tests * Division Function working as required with tests * Control Function has input working as required * Control Function makes decision working as required * Program runs with good messages working as required * Program runs with all four operations and provides correct answer |
| Signed  Date  Student Number | Neil Williams  1/1/2050  S 111111 |
| Signed  Date  Student Number | Bob Dewhurst  1/1/2050  S111112 |

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|  | **ASSESSMENT COVER SHEET**  Information Technology & Library Studies |
| **All fields must be completed** | |
| Student Name | Neil Williams |
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| Lecturer Name | Raphael Tsakrios |
| Course Code | ICT30115 |
| Course Title | Cert III in Information Communication Technology |
| Unit Code | ICTPRG301 |
| Unit Title | Apply introductory programming techniques |
| Assessment Title | Portfolio Activity 1: Calculator Sprint |
| **Student Declaration:**  I declare that no part of this assessment/assignment has been copied from any other person's work, except where due acknowledgment is made in the text, and no part of this assessment/assignment has been written for me by any other person except where such collaboration has been authorised by the assessor concerned.  **Disclaimer**  Charles Darwin University is collecting the information on this form for assessment/assignment purposes. Only authorised departmental officers have access to this information. If required for audit purposes, your details may be forwarded to officers from the relevant Industry Training Advisory Board or other technical experts/advisors. If you are an apprentice/trainee, your personal information, attendance details, progress and results will be disclosed to your employer. If you are under the age of 18 years your personal information, attendance details and results may be disclosed to your parent/guardian. Your personal information will not be disclosed to any other third party without your consent, unless authorised or required by law.  \*By submitting electronically you agree to the above statements | |
| **DATE:** | **NAME:** |