# My Progress

Whilst learning Python use the following tick sheet to monitor your progress.

Name:

#### Console, Variable and Creating a program

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| --- | --- | --- |
| **Task** | **Program** | **Complete** |
| 1.1 | Basic Commands |  |
| 1.2 | Creating Variables |  |
| 1.3 | Assigning values to variables |  |
| 1.4 | Variable Types |  |
| 1.5 | Type Conversion |  |
| 1.6 | Correcting Errors |  |
| 1.7 | Your first program |  |
| 1.8 | Add two numbers |  |
| 1.9 | Add surname and firstname |  |
| 1.10 | Sum of three numbers |  |
| 1.11 | Calculate Volume of water |  |

#### Selection

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| **Task** | **Program** | **Complete** |
| 2.1 | Display if two numbers the same |  |
| 2.2 | Display largest of two numbers |  |
| 2.3 | Display smallest of three numbers |  |
| 2.4 | Input age and display if can drive |  |
| 2.5 | Input three numbers and display the largest |  |
| 2.6 | Program to display month |  |
| 2.7 | Enter water temp and display state |  |
| 2.8 | Payroll program |  |
| 2.9 | Display largest using logical operators |  |
| 2.10 | Display Grade |  |
| 2.11 | No of days in a month |  |
| 2.12 | Calculate leap year |  |
| 2.13 | Display Date |  |
| 2.14 | Interpret Date |  |

#### Iteration

|  |  |  |
| --- | --- | --- |
| **Task** | **Program** | **Complete** |
| 3.1 | Display “hello” 4 times |  |
| 3.2 | Display message number of times |  |
| 3.3 | Display smallest of three numbers |  |
| 3.4 | Series of numbers and adds them ups until zero entered |  |
| 3.5 | Enter number between 1 and 30. |  |
| 3.6 | Output average and sum of numbers between 1 and 30. |  |
| 3.7 | Conversion program |  |
| 3.8 | Largest of eight numbers |  |
| 3.9 | Count down to 0 |  |
| 3.10 | Times Table |  |
| 3.11 | Square of numbers |  |
| 3.12 | Factorial |  |
| 3.13 | Start Program |  |
| 3.14 | Display prime numbers. |  |

#### Functions, Strings and Dates

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| **Task** | **Program** | **Complete** |
| 4.1 | Round |  |
| 4.2 | Displays the number of characters in a string |  |
| 4.3 | Uppercase String |  |
| 4.4 | Generating random numbers |  |
| 4.5 | Random numbers between 5 and 10 |  |
| 4.6 | Guess Game |  |
| 4.7 | Reads in data of birth, displaying year of their birth |  |
| 4.8 | Captilaised Name |  |
| 4.9 | Count Number of words |  |
| 4.10 | Palindrome |  |
| 4.11 | Display formatted timestable |  |
| 4.12 | Display formatted contact details |  |
| 4.13 | Display today’s date |  |
| 4.14 | Display user’s age |  |
| 4.15 | Date conversions |  |

#### Lists (Arrays)

|  |  |  |
| --- | --- | --- |
| **Task** | **Program** | **Complete** |
| 5.1 | Display months of the year. |  |
| 5.2 | Reverse order of names |  |
| 5.3 | Tally Chart |  |
| 5.4 | National Lottery Numbers |  |
| 5.5 | Search Names |  |
| 5.6 | Multi-Dimesional |  |

#### Structured Programming

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| --- | --- | --- |
| **Task** | **Program** | **Complete** |
| 6.1 | Largest Function |  |
| 6.2 | Average Function |  |
| 6.3 | Input numbers and display average |  |
| 6.4 | Inverted Pyramid |  |
| 6.5 | Higher or Lower |  |

#### Filing

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| --- | --- | --- |
| **Task** | **Program** | **Complete** |
| 7.1 | Storing five names |  |
| 7.2 | Username and passwords |  |
| 7.3 | Change username and password |  |
| 7.4 | Encryption |  |
| 7.5 | Stored records |  |
| 7.6 | View a record |  |
| 7.7 | Delete a record |  |