

Student	Xin Yu	70
---------	--------	----

Part 1

	Available	Marks
Generate wondrous numbers	25	20
Fibonacci numbers and integer square roots	6	5
Creating and populating an appropriate data frame	10	10
Previewing and displaying the data frame	4	4
Commenting and use of white space	5	1
Comments Coding is fine, but the commenting and use of white space is weak. Each significant operation should be commented, and white space should be used to highlight these. When you complete a section it is good practice to display the results of the code just to make sure that it works – you’ve done this some of the time but not for all sections. You’ve displayed the data frame but not previewed it.		

Part 2

	Available	Marks
Create the book data structure	10	8
Create the librarybooks data structure	10	3
Create the structure for recording the 10 books together	10	5
Display long loan books	1	1
Display short loan books at Carnforth	2	2
Display books in stock at Milnethorpe	2	2
Create the matrix to show the status of the collection	10	8
Commenting and use of white space	5	1
Comments Coding is fine, but the commenting and use of white space is weak. Type, status and return date should all have a single value, not two values. You should have created ten books rather than just three. The library structures work, would be better if you stored a list of the data with location, type, status and return date for each book in the same level of the structure. Good matrix creation.		