

Student	Ke Hao	77
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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	2
Commenting and use of white space	5	5
Comments Good commenting and use of white space. It's better to do the Fibonacci numbers as a vector of integers rather than a list. Good display of the data frame but no preview.		

Part 2

	Available	Marks
Create the book data structure	10	5
Create the librarybooks data structure	10	5
Create the structure for recording the 10 books together	10	8
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	7
Commenting and use of white space	5	5
Comments Excellent commenting and use of white space. Not the most efficient way to create the book structure – you could have combined the two sections directly using <code>book<-list(Title="The Three Body Problem", Author=...) etc.</code> Correct structure for librarybooks, although again it could be done in the same way as the book structure. It's a sensible approach for creating the larger 10 book structure though. Matrix creation could be a bit shorter but it does the job.		