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Part 1

	Available	Marks
Generate wondrous numbers	25	14
Fibonacci numbers and integer square roots	6	6
Creating and populating an appropriate data frame	10	10
Previewing and displaying the data frame	4	2
Commenting and use of white space	5	1

Comments

Commenting and use of white space is weak. Each significant section of code should be commented separately.

Problem with counting the number of terms – it should be for(seq in li)

```
> # Count terms
> terms <- c()
> t <- 1
> for(seq in list){
+   terms[t] <- length(seq)
+   t <- t + 1
+ }
```

Error in for (seq in list) { : invalid for() loop sequence

This has a knock-on effect later:

```
> # 4
> df <- data.frame(
+   N = N,
+   terms = terms,
+   fibonacci = isFib,
+   intSqrt = hasIntSqrt
+ )
```

Error in data.frame(N = N, terms = terms, fibonacci = isFib, intSqrt = hasIntSqrt) : arguments imply differing number of rows: 30, 0

If the error is cleared then the rest of the code works fine.

You've displayed the data frame but didn't preview it.

Part 2

	Available	Marks
Create the book data structure	10	7
Create the librarybooks data structure	10	7
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	6
Commenting and use of white space	5	5
Comments Commenting and use of white space is weak. Each significant section of code should be commented separately. Good set of books and well-designed 10-book structure. Good calculation of the data to go into the matrix but you have an extra column of locations.		