

Subject CS1

Corrections to 2023 study material

0 Introduction

This document contains details of any errors and ambiguities that have been brought to our attention in the Subject CS1 study materials for the 2023 exams. We will incorporate these changes into the study material each year. We are always happy to receive feedback from students, particularly details concerning any errors, contradictions or unclear statements in the courses. If you have any such comments on this course please email them to CS1@bpp.com

You may also find it useful to refer to the Subject CS1 threads on the ActEd Discussion Forum. (You can reach the Forums by clicking on the 'Discussion Forums' button at the top of the ActEd homepage, or by going to www.acted.co.uk/forums/.)

This document was last updated on 3 March 2023.

1 Paper A Course Notes

Chapter 4

Page 55

(added on 17 October 2022)

In Solution 4.8 (iii), the equation should read:

$$\text{cov}(X, Y) = E(XY) - E(X)E(Y) = 4 - 2 \times 2 = 0$$

2 Y assignments

Y1 Solution 1(ii)

Page 2

(added on 3 March 2023)

Line 16 of the R code had an error in it which gave the wrong statistic and p-value. The output should read:

```
x-squared = 2.7215, df = 1, p-value = 0.09901
```

This then impacts the p-value later on in the solution, but the conclusion is unchanged.