18125006\_18APCS1  
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A03

**Assignment 1 – Run step by step**

1. D/ 4 924 278 347 621 299 392 358 363

Because 621 > 347 and 299 < 347 so 621 and 347 are on the opposite subtrees of 347, it is impossible to traverse 347 -> 621 -> 299.

1. **A.**

24 9 3 15 1 4  
24 9 3 15 4 1

24 9 3 1 4 15  
24 9 3 4 1 15  
24 9 3 1 15 4  
24 9 3 4 15 1  
24 9 15 3 1 4  
24 9 15 3 4 1

**B.**

**C.**

**D.** 24 6 55 3 15 1 4 32 98 69