|  |  |  |  |
| --- | --- | --- | --- |
| Instruction | ADULT\_FARE | riders | total |
| #define ADULT\_FARE 3.25 | 3.25 |  |  |
| int riders |  | ? |  |
| double total |  |  | ? |
| scanf(“%d”, &riders) |  | 3 |  |
| total = riders \* ADULT\_FARE |  |  | 9.75 |
|  |  |  |  |

NB: use test values to fill in table for user inputs

Occasionally the questions will ask for output statements as well, in which case they should be included in the walkthrough table (new column for output)

Use line numbers instead of instructions if line numbers are given

If commands are given sequentially with no conditions or breaks between, they can be combined in one instruction

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Instruction | A | B | C | Output |
| int a | ? |  |  |  |
| double b, c |  | ? | ? |  |
| a = 6 | 6 |  |  |  |
| b = 0.7 |  | 0.7 |  |  |
| a = a + 1 | 7 |  |  |  |
| b = b \* 2 |  | 1.4 |  |  |
| c = a – b |  |  | 5.6 |  |
| c = a – b |  |  | 5.6 |  |
| printf(…) |  |  |  | 5.60-7-1.40 |
| a = a + 1 | 8 |  |  |  |
| b = b \* 2 |  | 2.8 |  |  |
| c = a – b |  |  | 5.2 |  |
| printf(…) |  |  |  | 5.20-8-2.80 |
| a = a – 2 | 6 |  |  |  |
| b = b + 0.8 |  | 3.6 |  |  |
| c = a – b |  |  | 2.4 |  |
| printf(…) |  |  |  | 2.40-6-3.60 |