

CS323 HW4: Visualizing BFS and DFS using GraphViz

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THIS CODE IS MY OWN WORK. IT WAS WRITTEN WITHOUT CONSULTING CODE
WRITTEN BY OTHER STUDENTS OR MATERIALS OTHER THAN THIS SEMESTER'S
COURSE MATERIALS. TYLER ANGERT.

1 Breadth First Search

Beginning at vertex "t"

1.1 Step 1

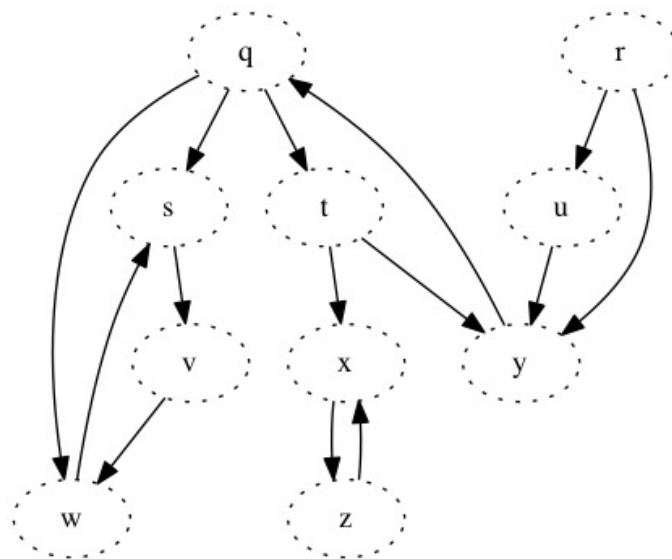


Figure 1: Step 1

1.2 Step 2

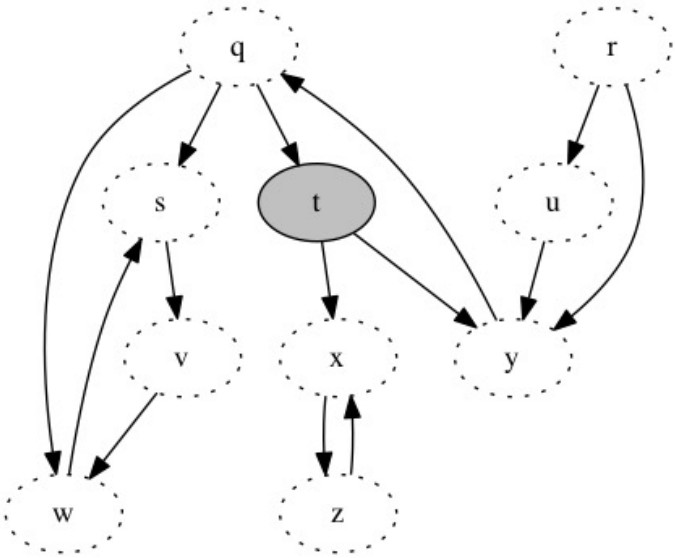


Figure 2: Step 2

1.3 Step 3

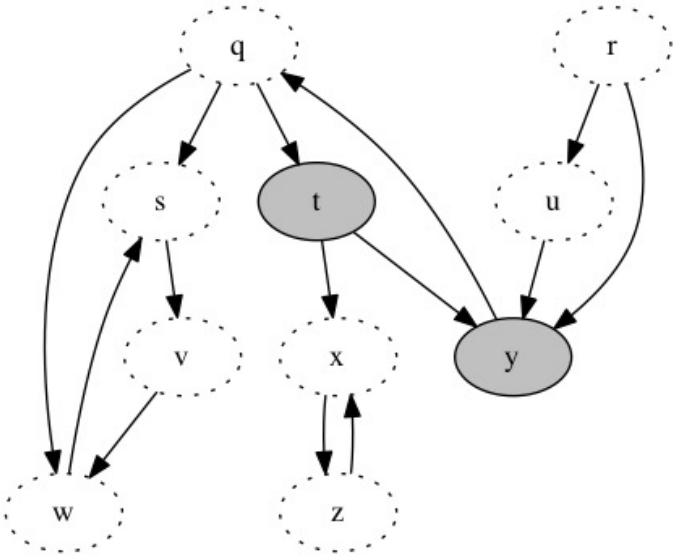


Figure 3: Step 3

1.4 Step 4

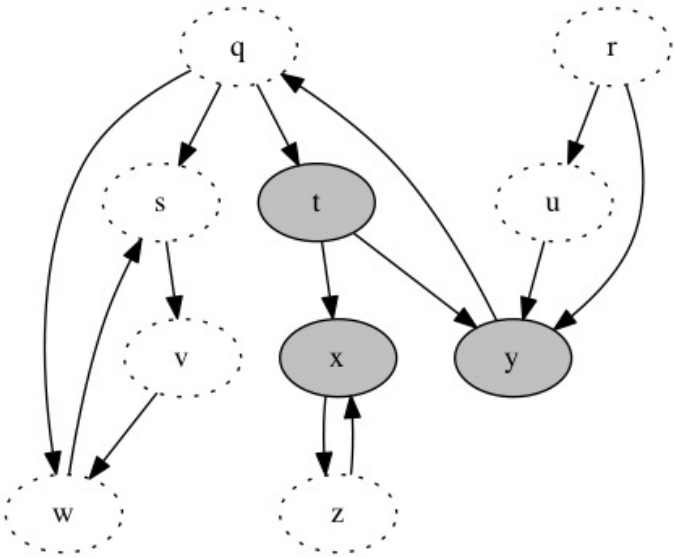


Figure 4: Step 4

1.5 Step 5

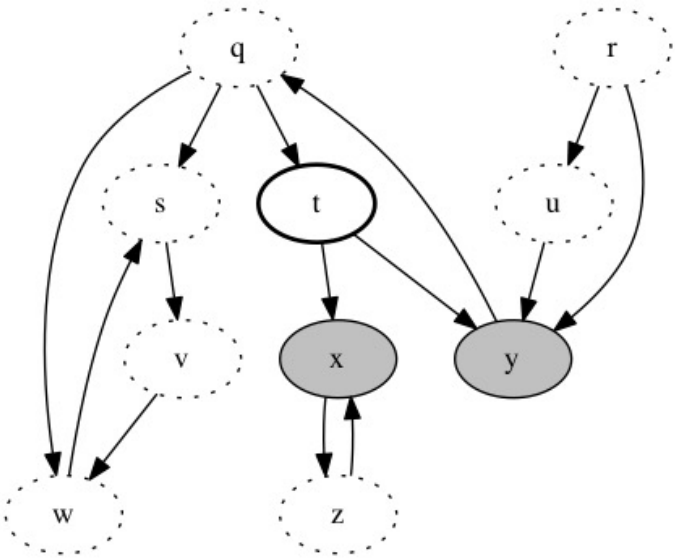


Figure 5: Step 5

1.6 Step 6

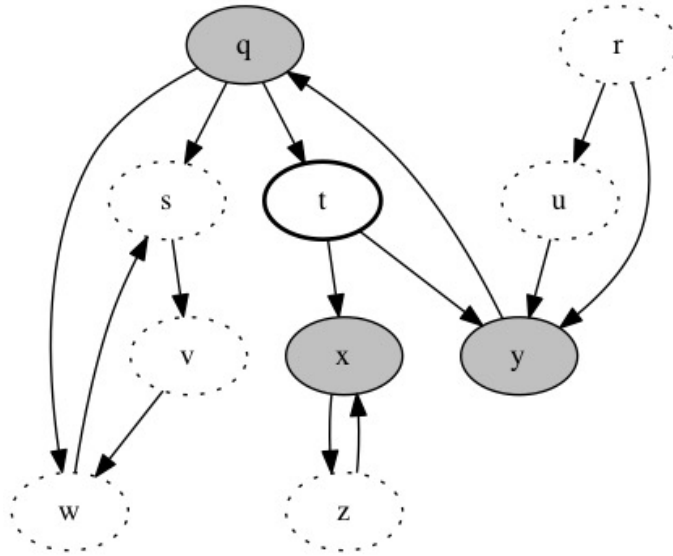


Figure 6: Step 6

1.7 Step 7

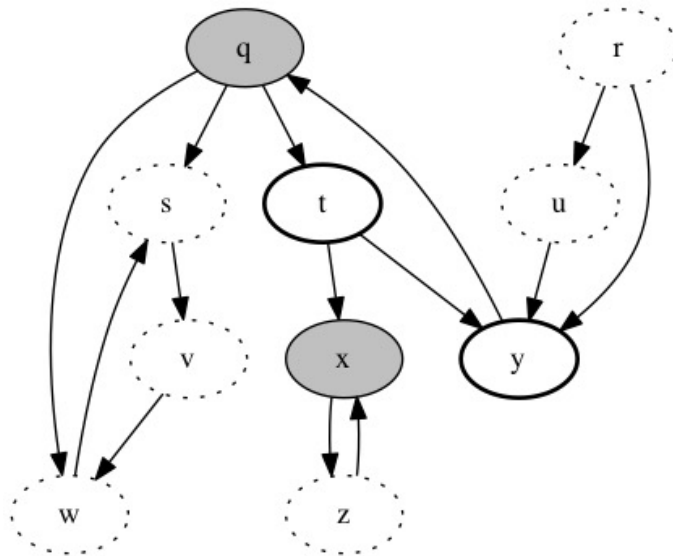


Figure 7: Step 7

1.8 Step 8

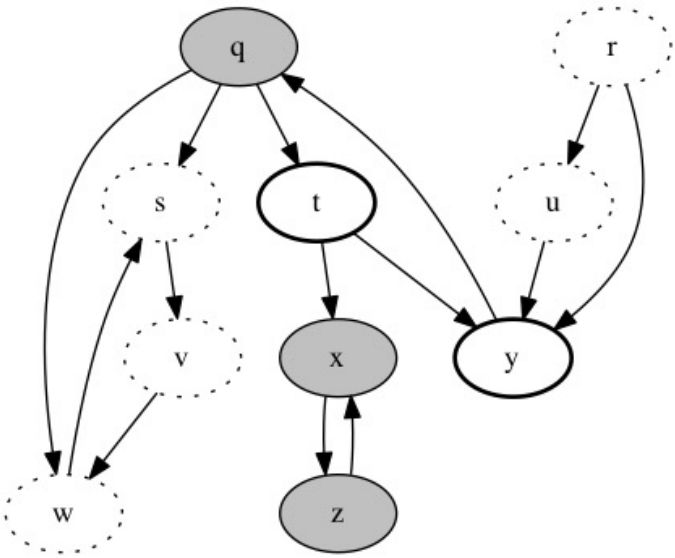


Figure 8: Step 8

1.9 Step 9

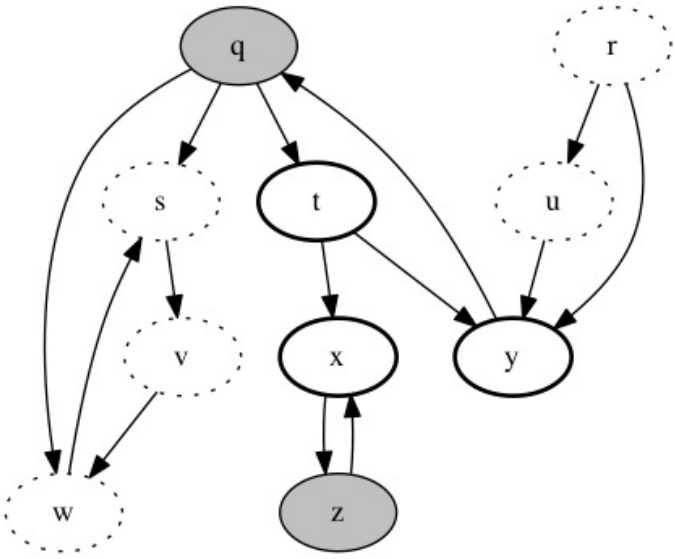


Figure 9: Step 9

1.10 Step 10

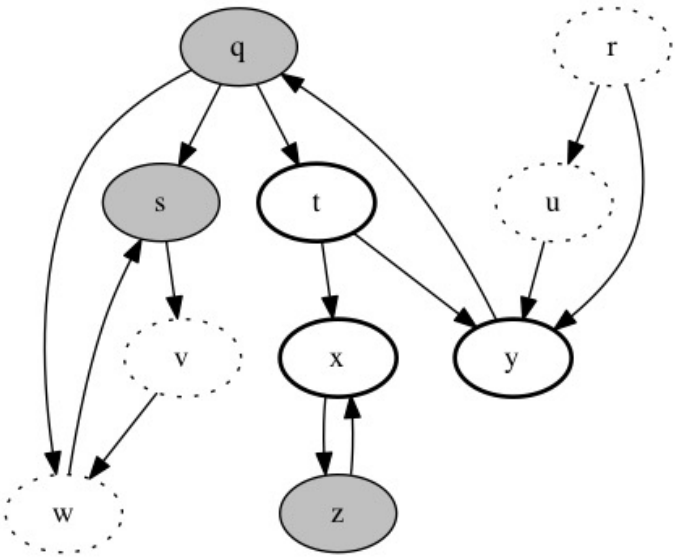


Figure 10: Step 10

1.11 Step 11

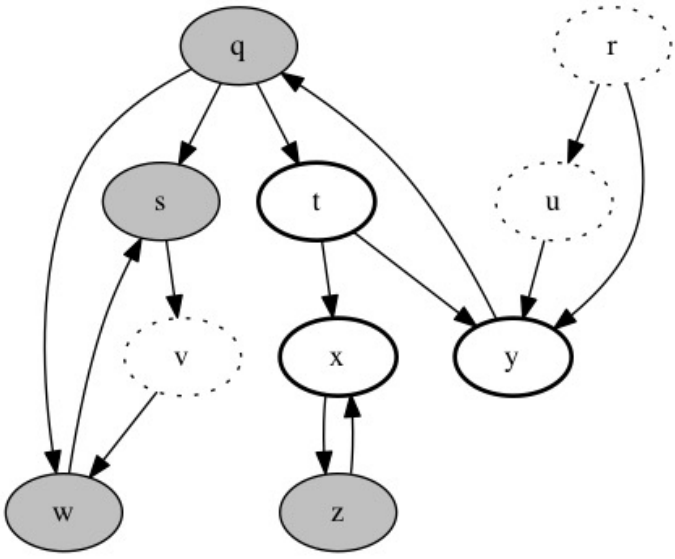


Figure 11: Step 11

1.12 Step 12

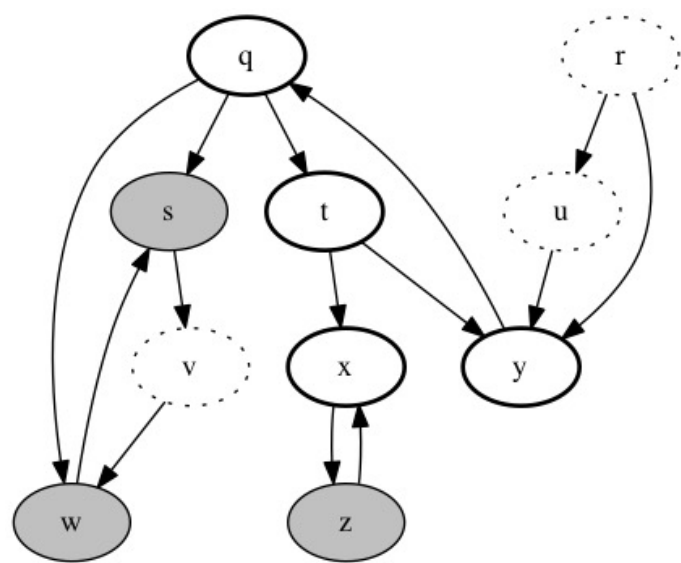


Figure 12: Step 12

1.13 Step 13

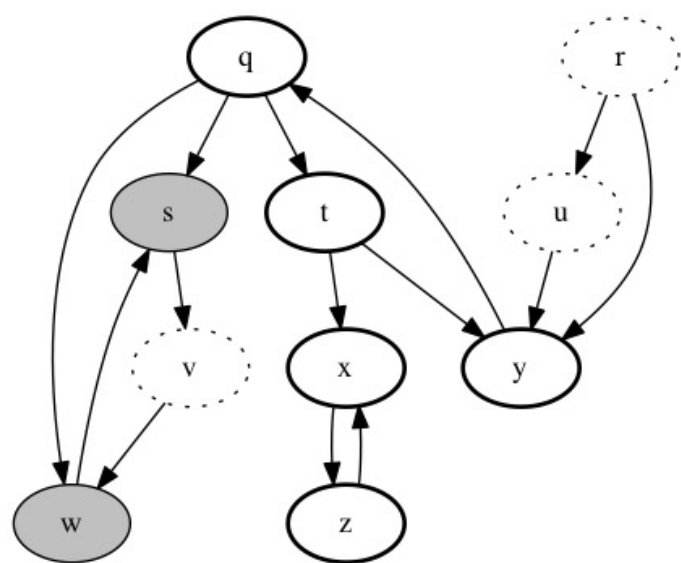


Figure 13: Step 13

1.14 Step 14

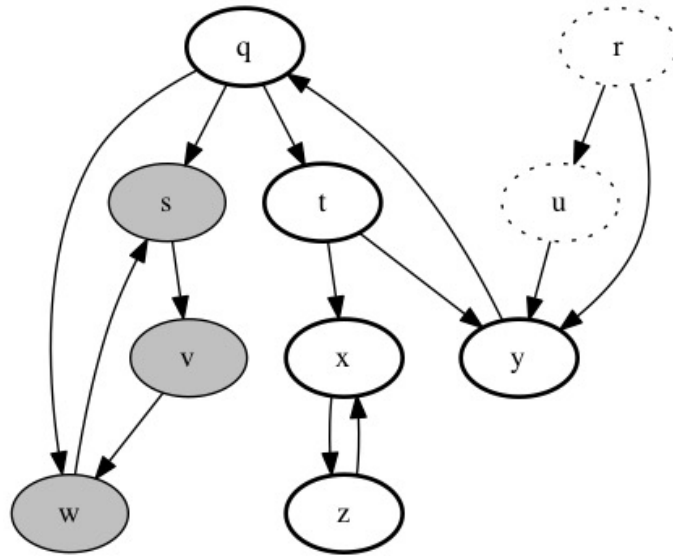


Figure 14: Step 14

1.15 Step 15

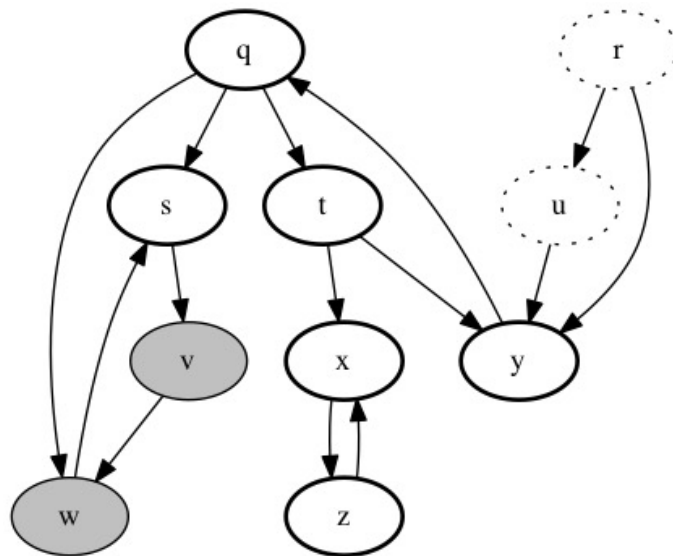


Figure 15: Step 15

1.16 Step 16

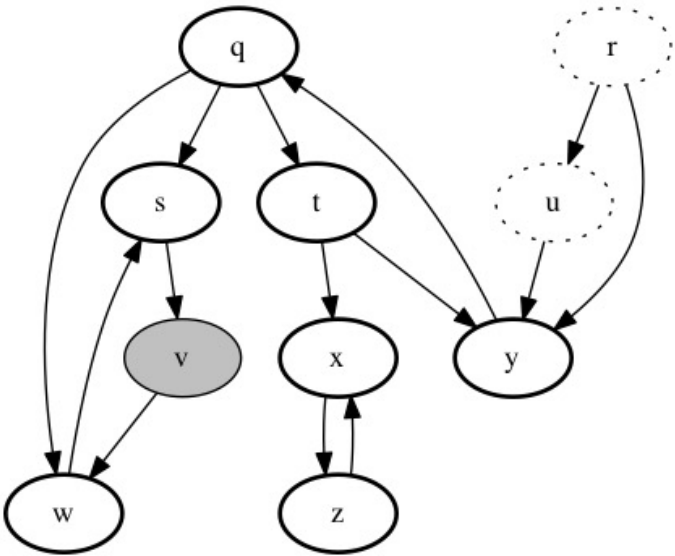


Figure 16: Step 16

1.17 Step 17

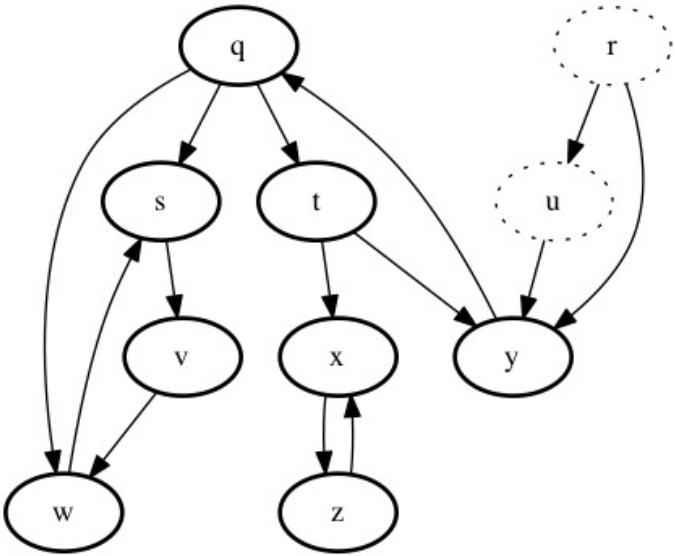


Figure 17: Step 17

2 Depth First Search

Beginning at vertex "t"

2.1 Step 1

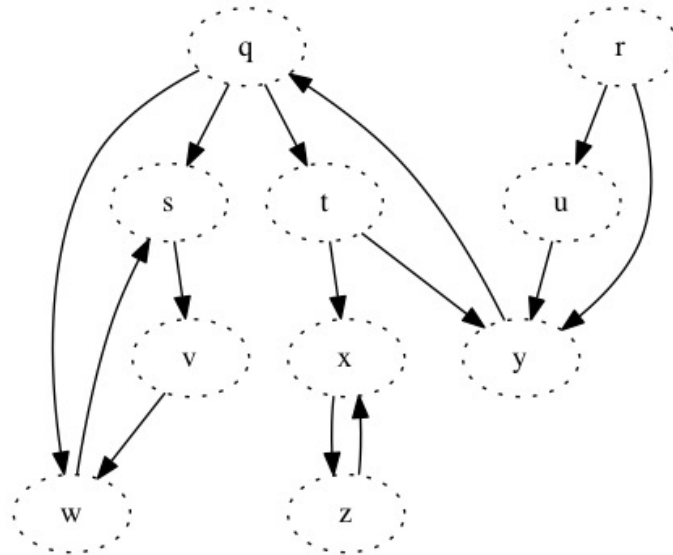


Figure 18: Step 1

2.2 Step 2

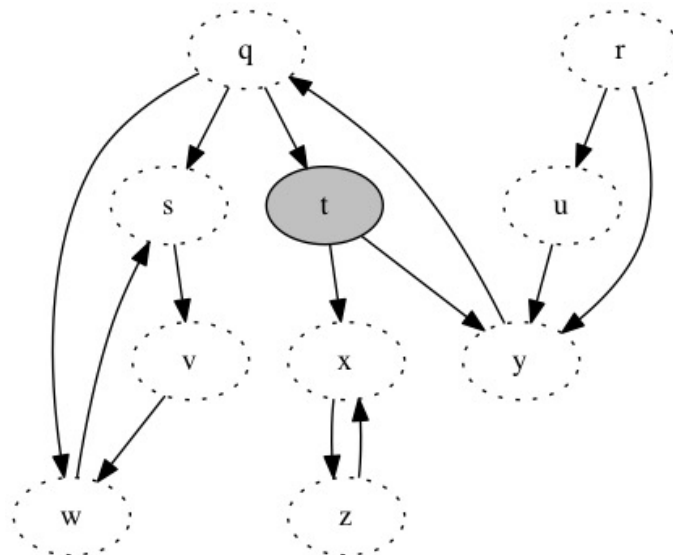


Figure 19: Step 2

2.3 Step 3

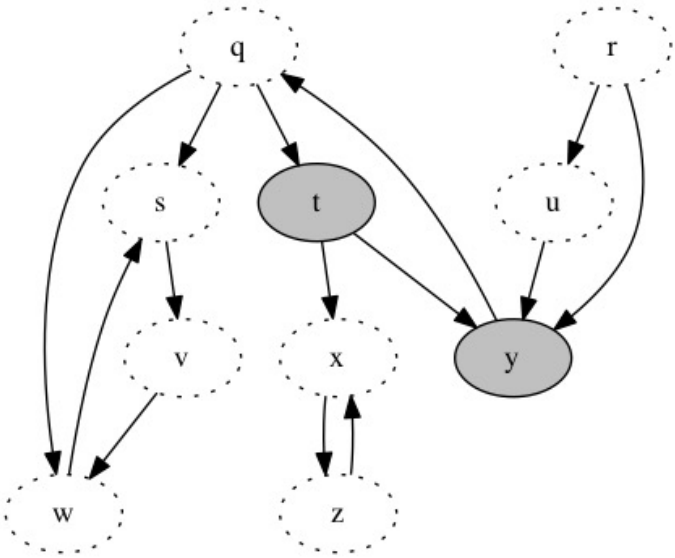


Figure 20: Step 3

2.4 Step 4

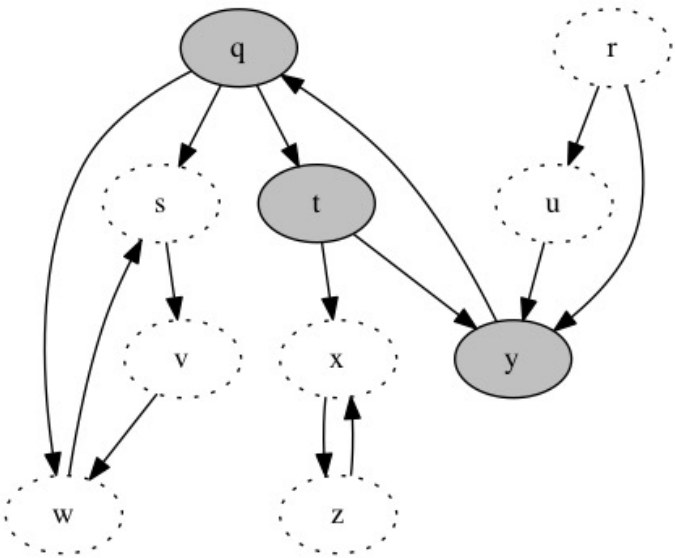


Figure 21: Step 4

2.5 Step 5

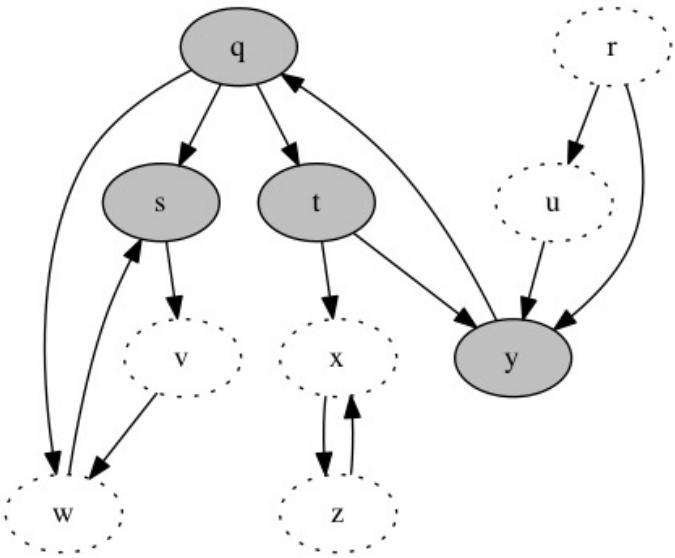


Figure 22: Step 5

2.6 Step 6

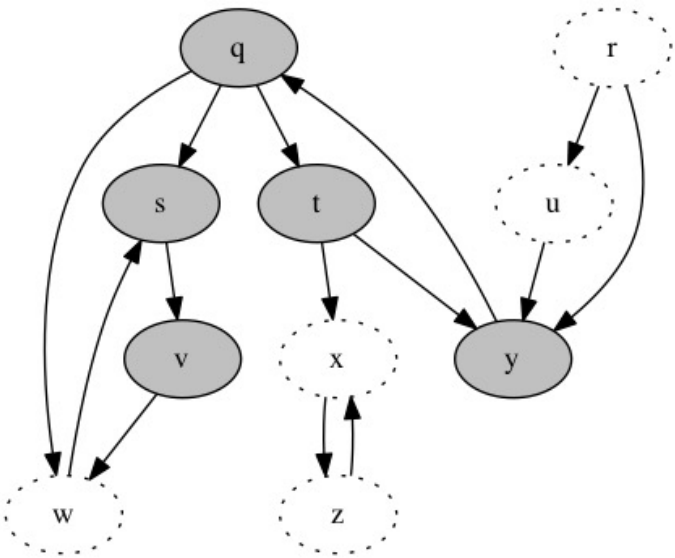


Figure 23: Step 6

2.7 Step 7

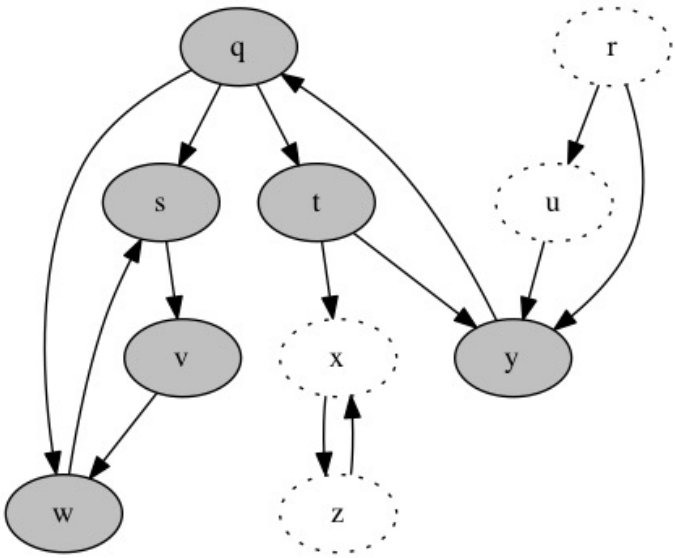


Figure 24: Step 7

2.8 Step 8

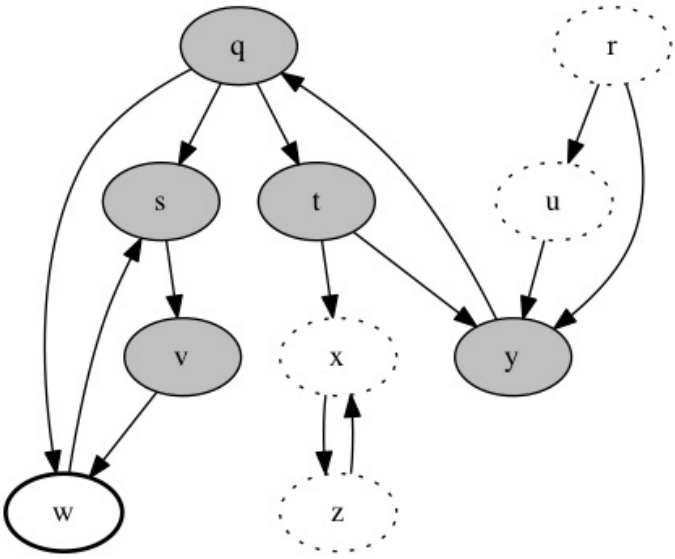


Figure 25: Step 8

2.9 Step 9

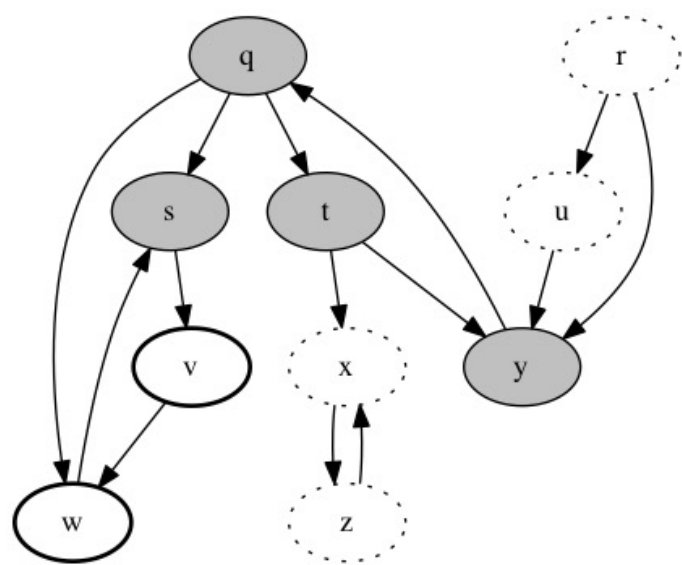


Figure 26: Step 9

2.10 Step 10

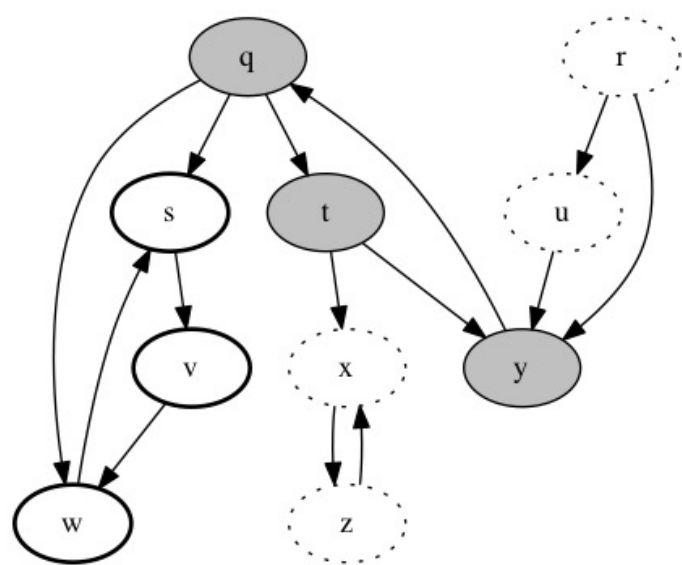


Figure 27: Step 10

2.11 Step 11

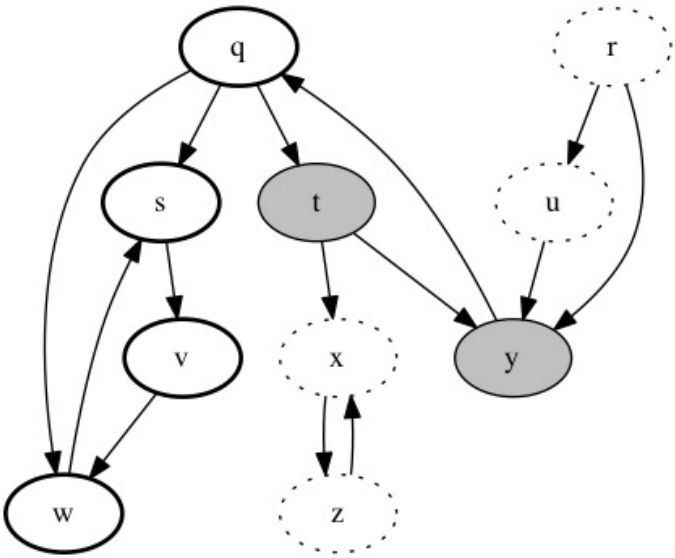


Figure 28: Step 11

2.12 Step 12

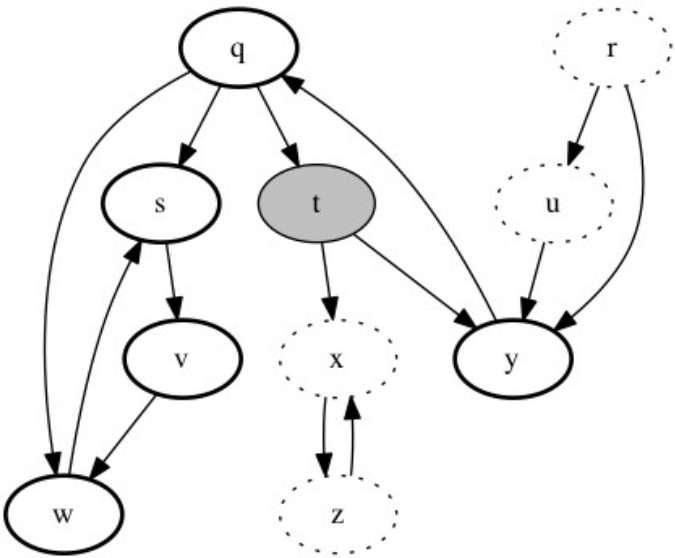


Figure 29: Step 12

2.13 Step 13

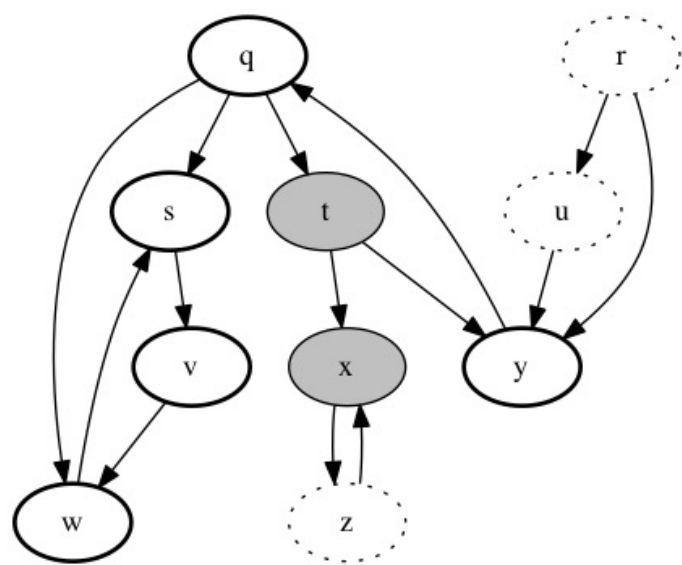


Figure 30: Step 13

2.14 Step 14

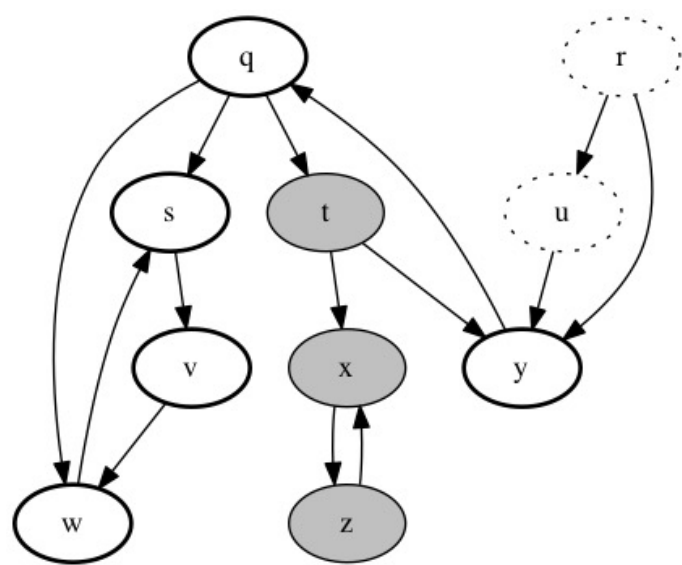


Figure 31: Step 14

2.15 Step 15

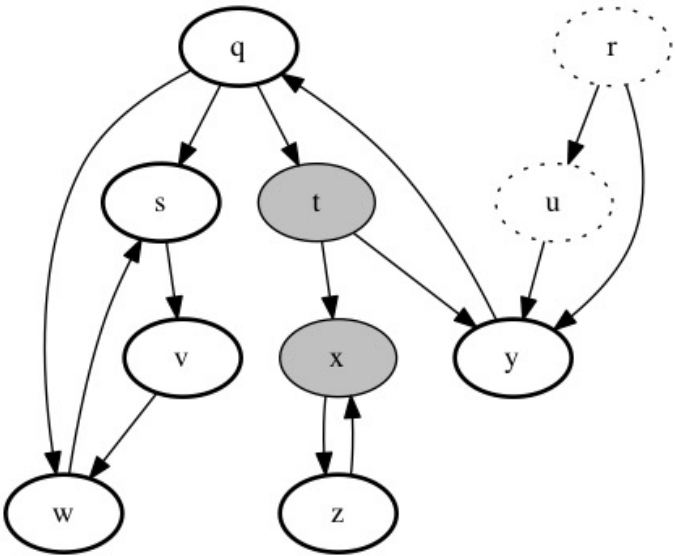


Figure 32: Step 15

2.16 Step 16

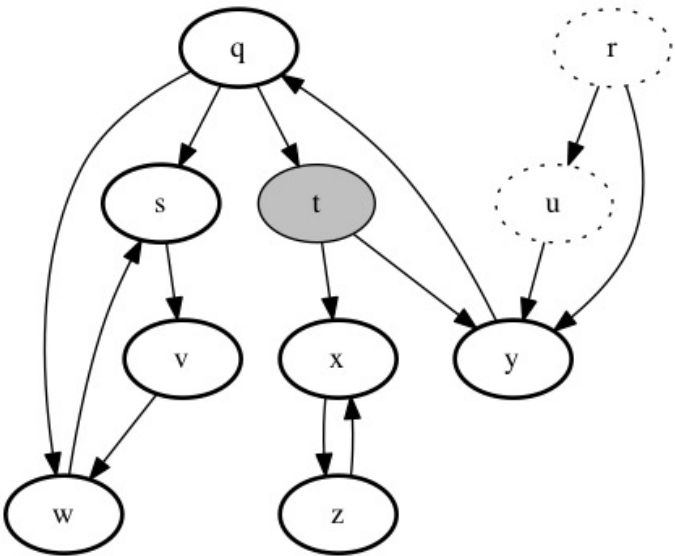


Figure 33: Step 16

2.17 Step 17

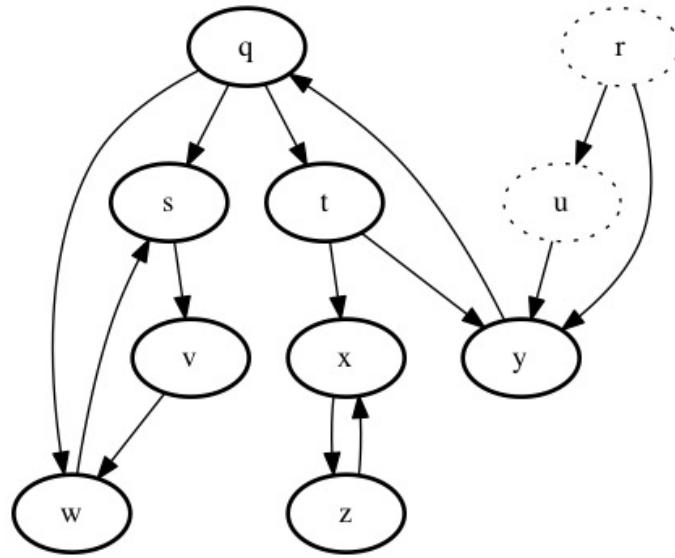


Figure 34: Step 17