

HW1 Answers

1. a) Visited: SABDCG

Reported: SDG

b) SACDBG

SACDG

c) SDG

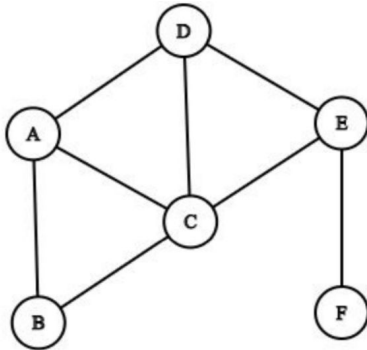
SDG

d) SABDCG

SACG

e) SADB CG

SACG



2. a)

b) Variables: A, B, C, D, E, F

Domain: $D = \{\text{green, red, blue}\}$

Constraints: $A \neq B, A \neq C, A \neq D, B \neq C, C \neq D, C \neq E, D \neq E, E \neq F$

c) Solution: A, E: blue

B, D, F: green

C: red

d) C

e) red