Self join Quiz

1. Select the code that would show it is possible to get from Craiglockhart to Haymarket

**SELECT** **DISTINCT** a.name, b.name

**FROM** stops a **JOIN** route z **ON** a.id=z.stop

**JOIN** route y **ON** y.num = z.num

**JOIN** stops b **ON** y.stop=b.id

**WHERE** a.name='Craiglockhart' **AND** b.name ='Haymarket'

2. Select the code that shows the stops that are on route.num '2A' which can be reached with one bus from Haymarket?

**SELECT** S2.id, S2.name, R2.company, R2.num

**FROM** stops S1, stops S2, route R1, route R2

**WHERE** S1.name='Haymarket' **AND** S1.id=R1.stop

**AND** R1.company=R2.company **AND** R1.num=R2.num

**AND** R2.stop=S2.id **AND** R2.num='2A'

3. Select the code that shows the services available from Tollcross?

**SELECT** a.company, a.num, stopa.name, stopb.name

**FROM** route a **JOIN** route b **ON** (a.company=b.company **AND** a.num=b.num)

**JOIN** stops stopa **ON** (a.stop=stopa.id)

**JOIN** stops stopb **ON** (b.stop=stopb.id)

**WHERE** stopa.name='Tollcross'