

CS738: QQ# ...

Time: 20 minutes

1. Perform **Flow insensitive Subset-based** and **Flow insensitive Equality-based** points-to analysis for each of the programs. Show only the resulting points-to graphs.
-

(a) `p = &q;`
`r = &s;`
`t = &p;`
`u = p;`
`*t = r;`

(P.T.O.)

```
(b)  if(...)
      p = &x;
    else
      p = &y;

      x = &a;
      y = &b;
      *p = &c;
      *y = &a;
```

```
(c)  if(...)
      y = &b;
    else
      *y = &a;

      p = &x;
      p = &y;
      x = &a;
      *p = &c;
```