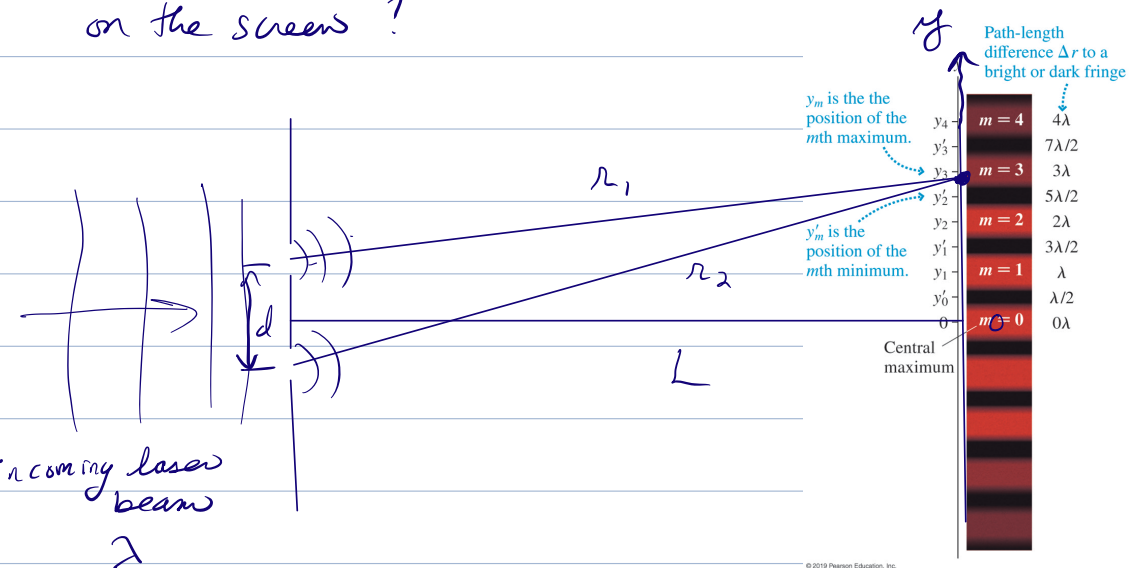


e.g. laser strikes 2 slits, what do you see on the screens?



You don't just see 2 spots - you see a series of bright and dark spots.

Constructive interference: $\Delta r = m \lambda$

Destructive interference: $\Delta r = (m + 1/2) \lambda$