## Clicker Question \#1

Which of the following statements about partial solutions will be most useful as part of an optimality proof for our greedy gas station algorithm? (Assume $G$ denotes the greedy solution and $O$ the optimal)
A. After $i$ kilometres, $G$ has made no more stops than $O$
B. After $i$ kilometres, there can be no stop made by $G$ that wasn't also made by $O$
C. The $i^{\text {th }}$ stop in $G$ is the same as the $i^{\text {th }}$ stop in $O$
D. The $i^{\text {th }}$ stop in $G$ is at least as far down the road as the $i^{\text {th }}$ stop in $O$

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## Clicker Question \#2

Which TV character is most similar to Susanne eating a Kit-Kat Chunky?
A. Homer Simpson savouring a donut
B. Liz Lemon looking unhappy while holding a bag of cheese puffs
C. Cartman chilling on the couch with a box of cheese puffs

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