Tyle Hvysh



Quiz 2 54
When the greedy algorithm will fail:
i.)
let n = 31, such 3120

Our greedy calgorithm will cheese the largest coin first their being 10 certs, such that if n=31 it would be:

10+10+10+2=32 I where if South because we were much to see \$\frac{32}{31}\$ I make exact change, since ar greatly algerithm will cheek the length value first

10.)
We can make except change for n=31, such that:

10.10.10.15.12.12.12.12.11

- This will make exout change because we are able to chance the cars in a way the we can make exact change.

2 - Went coms 1 - 9 cent coin 3 - 2 cent coins

Thus, ever greed, algorithm will not make change for no, virty the forcest number of early because in some cases it will not make exact change even though we can use our set of early to make exact change.

