As homework:

Blog on Dynamic Programming:
https://www.hackerearth.com/practice/algorithms/dynamic-programming/introduction-to-dynamic-programming-1/tutorial/

Practice problems on Online judges:

https://www.codechef.com/problems/ODDDIV/ (Easy)
http://www.spoj.com/problems/ALICESIE/ (Easy)
https://www.codechef.com/problems/AMSGAME1 (Easy)
https://www.hackerearth.com/problem/algorithm/the-magical-shop/description/
https://www.hackerearth.com/practice/math/number-theory/basic-number-theory-1/practice-problems/algorithm/the-confused-monk/description/
https://www.hackerearth.com/practice/math/number-theory/basic-number-theory-2/practice-problems/algorithm/zrzr/
https://www.hackerearth.com/practice/math/number-theory/basic-number-theory-2/practice-problems/algorithm/4141/description/
https://www.hackerearth.com/problem/algorithm/chandu-and-his-interns/description/ (Medium)
https://www.hackerrank.com/contests/opcnita2/challenges/abhijeet-and-chai-2/problem (Medium)
https://www.codechef.com/problems/GCDQ (Medium)
https://www.codechef.com/problems/KAN15RTB (Hard)