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How we deal with damage calculation in a game WITHOUT using lambda functions.
....
class Character:
    0.00
   A class representing a character in a game.
    can be Barbarian, Wizard, Paladin, etc.
    .....
    def __init__(self, hp, attack, defend):
       self.hp = hp
       self.attack = attack
       self.defend = defend
class DamageCalculator:
    0.00
    we will need to define a class to represent the different ways
    .....
   MINUS METHOD = 1
    TIMES_METHOD = 2
    TRUE_DAMAGE = 3
class BattleManager:
   without lambda function we have to switch between different cases
    there can be a lot of cases in a real game
    This code will grow INCREDIBLY LONG as more characters are designed
    .....
    def deal_damage(attacker, defender, calculator, args):
       if calculator == DamageCalculator.MINUS_METHOD:
           damage = attacker.attack - defender.defend
       elif calculator == DamageCalculator.TIMES METHOD:
           damage = round(attacker.attack * (defender.defend *
                          1.0 / (args[0] + defender.defend)))
       elif calculator == DamageCalculator.TRUE_DAMAGE:
           damage = args[0]
       else:
           damage = 0
       # we will not consider buffs here because it's just an example
       defender.hp -= damage
```

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# example of how to use the code

def main():
    attacker = Character(hp=100, attack=50, defend=20)
    defender = Character(hp=100, attack=30, defend=10)
    # ------
    # example of not using lambda function
    # deal damage using minus method
    BattleManager.deal_damage(
        attacker, defender, DamageCalculator.MINUS_METHOD, [])

# deal damage using times method
    BattleManager.deal_damage(
        attacker, defender, DamageCalculator.TIMES_METHOD, [10])

# deal damage using true damage method
    BattleManager.deal_damage(
        attacker, defender, DamageCalculator.TRUE_DAMAGE, [10])
```