Arena Battle Flow Chart While Main Menu Loop While Game Loop Print main menu While Hero Selection Loop Print Hero Menu Try input for menu Print descriptions Try input for menu If descriptions chosen If start or quit if hero chosen Create hero class Hero announcement While Bad Guy Selection Loop Print Bad Guy Menu Print descriptions Try input for menu If descriptions chosen If bad guy chosen Create bad guy class Announce players **Attack First Function** While Attack First Decision Loop Print Go First menu Try input for menu If go first or wait chosen if go first Hero attack action **Combat Loop Function** While Hero and Bad Guy Health > 0 Bad Guy Attack Action **Bad Guy Taunt** If hero Health < 0 Print hero health Hero Attack Action If bad guy health < 0 Bad Guy health indicator Winner Function 1 While Play Again Menu Loop Print play again menu Try input for menu If play again or quit If quit **Print Game Over**