TASK 8

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```python
def minimax(depth, is_maximizing, scores):
    if depth == len(scores):
        return scores[depth - 1]  # Return final score

    if is_maximizing:
        best_score = float('-inf')
        for score in scores:
            best_score = max(best_score, minimax(depth + 1, False, scores))
        return best_score
    else:
        best_score = float('inf')
        for score in scores:
            best_score = min(best_score, minimax(depth + 1, True, scores))
        return best_score

# Example possible scores from a game
scores = [3, 5, 2, 9]

# Run Minimax
best_outcome = minimax(0, True, scores)
print("Best possible outcome:", best_outcome)
```

Simple Minimax Algorithm in Python

The **Minimax Algorithm** is a strategy used in two-player games where one player wants to **maximize the score** (MAX) while the other tries to **minimize it** (MIN). It checks all possible moves and picks the best one for each player.