

Use 16 Bins to Record a Player's Scores		
Let's say that scores can range from 10s to billions and use the following scheme:		
score < 20,000	bin 0	
$20,000 \le \text{score} < 50,000$	bin 1	
$50,000 \le \text{score} < 100,000$	bin 2	
$1,000,000,000 \le \text{score}$	bin 15	
Sixteen bins total.		
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