Question : You take the SAT and score 1100. The mean score for the SAT is 1026 and the standard deviation is 209.

How well did you score on the test compared to the average test taker?

Answer : **Individual score = 1100**

**mean = 1026**

**std deviation = 209**

**So, in terms of standard normal distribution, the Z score is (1100-1026)/209 = 0.3540 which is equivalent to 63.68%.**

**Hence, the individual scored 63.68% more than rest of the test taker and 36.32% less than rest of the test taker.**