Suppose that a company CEO claims that the average severance package for an employee at his company is $500,000. You decide to test his claim using a significance level of a=0.05. A sample of 55 employees yields a mean of =$485,155 with a sample standard deviation of s=$125,575. First, you set up your hypothesis as follows:

**H0: μ = $500,000 (claim)**

**H1: μ$500,000**

Then you compute your sample statistic, and get the following:

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**=-.8767**

Compute the probability of getting a sample statistic at least as extreme as and interpret this probability value.

**Answer:**

**Probability=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Round your final answer to two decimal places.**

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