**CBA: Solutions to Practice Problem Set 5**

**Topics: Confidence Intervals for Proportions**

For computing a confidence interval for a population proportion, we will be using the following formula studied in class:

1. We know that the *z-*value for a 95% confidence interval is 1.96.

the 95% confidence interval for proportion of programmers in the population who perform Java is

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(161/200)=0.805 which is the sample proportion *p.*

the 95% confidence interval for proportion of enthusiasts who would prefer a swinging ponytail is

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the 95% confidence interval for proportion of executives who are less willing to sacrifice their family lifestyle for their career is

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the 95% confidence interval for proportion of business travelers who consider leg-room to be the most important in-flight feature is

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the 95% confidence interval for proportion of men of age 50 who show some balding is