

# Avishkar 2011

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## ANVESHANS

### PROBLEM STATEMENT 2

In the dead of winter, a professor sends his project student out into the cold to fetch him a hot beverage from the cafe.

"Coffee with two creams, and make sure it's HOT when it gets to me!" the professor barks.

Shivering from fear as much as cold, the student procures a styrofoam cup of hot coffee and two little containers (maybe 20 mL each) of half and half at the cafe. To maximize the temperature of the coffee when it is delivered to the professor, should he add the half and half to the coffee before he walks it through the cold or after?

Submit your answers @ [anveshans.rasayans2k11@gmail.com](mailto:anveshans.rasayans2k11@gmail.com)