# Water Heating Problem in Winter Season

In winter, most of the people use warm water to take a bath. In order to do this, first we boil some water. We cannot use direct the boiling water. So, we mix our boiling water with some cold water (normal water according to weather temperature). But while mixing the water, we face two types of problems such as either the water remains too hot or become too cold.

If the temperature of the weather is not very cold, then we will need warm (not so hot) water. On the other hand, if the temperature of the weather is very cold, then we need much hot water than before.

We can solve this problem with the help of A.I. (Artificial Intelligence) and to solve this problem we have some data showing below-

|  |  |
| --- | --- |
| Date  (December, 2019) | Temperature  (Celsius) |
| 01 | 22 |
| 02 | 22 |
| 03 | 22 |
| 04 | 22 |
| 05 | 22 |
| 06 | 21.5 |
| 07 | 21.5 |
| 08 | 21.5 |
| 09 | 21.5 |
| 10 | 21 |