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| variable | datatype | Description |
| stock | dictionary | Quantity of each ingredient present |
| stock\_df | dataframe of above | Dataframe that shows the same above data |
| total\_time | integer | Working hours of the bakery from 4am to 8pm in minutes |
| supply\_arrival\_delay | dictionary | Rate at which each ingredient arrives |
| supply\_quantities | dictionary | Quantity of each ingredient when it arrives |
| cake\_requirements | dictionary | Amount of ingredients necessary for 1 cake |
| oven\_clocks | dictionary inside a dictionary | Has 3 keys. Each key has details and variables associated with that oven |
| oven\_clocks['bake\_time'] | integer | Time taken to bake a cake. (Fixed for each oven) |
| oven\_clocks['current\_time'] | integer | Oven clock time in minutes. Runs as long as the bake time |
| oven\_clocks['start\_time'] | integer | Present time of the day at which the oven started baking |
| oven\_clocks['available'] | Boolean | If there is a cake in the oven then it is not available else we can put another cake in that oven |
| current\_time | integer | Present time of the day in minutes |