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| --- | --- | --- |
| **Input** | **Process** | **Output** |
| * numOfBrownies (2inx 2in) * Array neededIngredients * Double neededButter * Double neededVegieOil * Double neededWhiteSugar * Double neededLightBrownSugar * Double neededEggs * Double neededVanillaExtract * Double neededSalt * Double neededFlour * Double neededCocoaPowder * Double neededChocolateChips * Double coverstionRate   CONSTANTS:   * BROWNIES\_PER\_PAN * NORM\_BUTTER * NORM\_VEGIE\_OIL * NORM\_WHITE\_SUGAR * NORM\_LIGHT\_BROWN\_SUGAR * NORM\_EGGS * NORM\_VANILLA\_EXTRACT * NORM\_SALT * NORM\_ALL\_PURPOSE\_FLOUR * NORM\_COCOA\_POWDER * NORM\_CHOCOLATE\_CHIPS | converstionRate = numOfBrownies/BROWNIES\_PER\_PAN  neededButter = NORM\_BUTTER \* converstionRate  neededVegieOil = NORM\_VEGIE\_OIL\* converstionRate  neededWhiteSugar = WNORM\_WHITE\_SUGAR\* converstionRate  neededLightBrownSugar= NORM\_LIGHT\_BROWN\_SUGAR\* converstionRate  neededEggs = NORM\_EGGS \* conversionRate  neededVanillaExtract= NORM\_VANILLA\_EXTRACT\* converstionRate  neededSalt=NORM\_SALT\* converstionRate  neededFlour=  NORM\_ALL\_PURPOSE\_FLOUR\* converstionRate  neededCocoa=  NORM\_COCOA\_POWDER\* converstionRate  neededChocolate =NORM\_CHOCOLATE\_CHIPS\* converstionRate | * Amount of ingredients   + Butter   + Vegetable oil   + White sugar   + Light Brown Sugar   + Eggs   + Vanilla   + Salt   + All Purpose Flour   + Cocoa Powder   + Chocolate Chips |