



Novel Recipe Generation

PRESENTATION 9 - NOVEMBER, 16

Indraprastha Institute of Information Technology

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PREPROCESSING STEPS

1. Remove <INSTR_END> tag
2. Consider one recipe for every set of random ingredients chosen.
3. Check for proper spacing
4. Add full stop after each cooking instruction.
5. Put all words in in the ingredient phrase in small letters.
6. Replace 5 7 minutes with 5-7 minutes.

Number of recipes that we can generate per day using two servers: 7500

We will arrange for one more server (3500 recipes per day) + one server of Mansi ma'am(3500 recipes per day).

We will perform post processing of the recipe specific mistakes.

Eg.

8 ounces hot pasta sauce (e.|g.|, e.|g.|, a good hearty dry) | Ingredient Phrase

Number of recipes generated until now = 11805 recipes

1		Unnamed: 0	Random Ingredient	Recipe Title	Ingredient Phrases	Recipe Instructions
2	0	0	bread flour,pearl	Pasta and Crab	1 lb lump crabmeat, fresh (cleaned and	Place the crab meat in a large bowl.Add the hot pasta sauce and stir well to blend.In a separate bowl, sift the flour, parsley, garlic powder
3	1	1	yogurt,ginger root	Creamy Yogurt Sauce	1/2 cup plain yogurt 1 bay leaf 1/2 tsp	Whisk yogurt, bay leaf, ginger, and refried beans together in a bowl until combined.Cover and refrigerate.
4	2	2	parmesan cheese	Baking Stone	20 kalamata olives or 20 baby olives, rinsed	Preheat oven to 380°F.Wash olives with boiling water.Drain, and set aside.Remove stems and coarsely mince the olives.Reserve 6 whole
5	3	3	rom tomato,veal	BBQ veal or beef	1 cup canned green pea 2 roma tomatoes	Place peas on oven tray and microwave on high for 1 minute.Meanwhile cook pastry according to packet instructions.Meanwhile cut tomatoes
6	4	4	cocoa,gruyere cheese	Classic Hot Chocolate	2 cups good quality beef bouillon 2 tsp	Put everything in a microwave safe bowl or pan.Mix with a spoon then spoon over the hot chocolate chips.
7	5	5	snow pea,sunflower	Soy Milk Almond	2 cups unsweetened soy milk 2 table	Whisk together soy milk, ginger garlic paste, poultry seasoning, and sunflower oil.Add extract and mix well.Pour into a dish and sprinkle
8	6	6	mango,cannellini	Cannellini Beans	1 1/2 cups cannellini beans, rinsed and	Combine all ingredients in a large saucepan.Cover.
9	7	7	rye flour,shallot,	Turnip and Cashew	6 tablespoons golden raisins 1 table	Soak raisins and golden raisins in hot water for about 30 minutes.Soak cashews in hot water for about 10 minutes.Drain and set aside
10	8	8	coriander powder	Quick Homemade	1 lb hamburger 1/2 cup maple syrup	Combine water and mix well.Add salt and coriander.Cover and allow to soak for 20 minutes.Stir every 10 - 15 minutes for 2 to 4 hours.
11	9	9	tamarind paste,	Stir Fry Bran	2 tablespoons tamarind paste (suchua	Place all ingredients in the blender with 1/4 cup of liquid and puree the mixture.Heat the oil in a deep pan and stir fry the bran mixture
12	10	10	date,mustard seed	Roasted Okra in	1 lb okra, ends tipped, peeled 1 teas	Preheat oven to 400 degrees f.Using kitchen twine, prick okra all over with a fork.Place on medium roasting pan and cover with parchment
13	11	11	cake flour,cream	California Cream	1 package philadelphia cream cheese	Preheat oven to 425°F.Butter an 11 x7 x 2 inch baking dish and set aside.In a bowl, using an electric mixer, beat the cream cheese and
14	12	12	miso,vanilla extract	Vanilla and Vodka	1 cup vanilla-flavored miso 1 cup veg	In a small bowl, mix together the flour with the miso, stock and vanilla extract, then add oil until mixture resembles a paste.Stir in vodka
15	13	13	cherry pepper,ketchup	Kartoffelsalat	3 1/2 cups plain yogurt 2 tablespoons	In a small bowl, stir together yogurt, ketchup, orange peel, oregano and cherries.Spoon yogurt mixture into large, oval shaped serving
16	14	14	sesame oil,bok choy	Lamb in Oyster	1/2 - 1 cup light cream cheese or 1/2-	Beat cream cheese with a mixer or a wooden spoon in a medium sized bowl.Add 1/2 cup of cream cheese & mix well.Chop bok choy
17	15	15	cranberry juice,cranberry	Jamoni's Easy	2 cups long grain white rice 1 can cran	In a 3 qt or smaller crock pot, place 1 cup rice and stir to mix well.Add 2 cups of cranberry juice and mix well.Sprinkle the 1/2 cup of pe
18	16	16	bay seasoning,lebanese	Lebanese Biscuits	1 lb biscuits, store bought or 1 lb bisc	Roll out biscuits to 1/8 inch thickness with a rolling pin.Heat oven to 200°C or until lightly golden approx 5 minutes.Dip biscuits in beaten
19	17	17	mace,sharp cheddar	Cheddar Cheese	1 lb sharp cheddar cheese or 1 lb swi	Note, 1/2 cup grated swiss cheese can be made without cheese and then mixed with a bit of milk to obtain this rather runny topping.
20	18	18	white bean,pepper	Parmesan Bean	400 g white beans, soaked overnight	Boil the beans until tender.Drain water and reserve.Place the beans in a large saucepan and cover with cold water.Bring to the boil and
21	19	19	salt pepper,chicken	Baked Avocado	2 boxes farfalle (bow tie) pasta (cool	In a large bowl, combine all ingredients except avocados.Pour avocado mixture over pasta mixture and mix well.Sprinkle with cheese.
22	20	20	kidney bean,ana	Chuck 'n' Bean	1 tablespoon olive oil 1 anaheim chili	Preheat the oven to 350 degrees f.Heat the olive oil in a skillet over medium heat.Cook and stir the pepper in the hot oil until the pepper
23	21	21	oregano,water,th	Vege's Black Beans	4 cans chickpeas (rinsed and drained	Soak the red curry paste for at least one hour with plenty of water.In a large pan or deep oven proof container combine all the dry ingredi
24	22	22	crouton,sponge	Baked Poblano	3 poblano chiles (or 3 anaheim chilies	Preheat oven to 375°F.Roast peppers over open flame or in the oven until the skin cracks, charred and black.Allow to cool and peel off
25	23	23	salad green,mar	Pineapple Salsa	1/2 cup crushed pineapple in syrup 1	Dry pineapple in a clean towel.In a large bowl, mix pine nuts, mandarin oranges and pineapple.Pour dressing over salad greens and to

Thank You

