// 创建菜谱节点

MERGE (:Recipe {name: '小炒肉丝'})

// 创建材料节点并添加属性

MERGE (i1:Ingredient {name: '肉'}) ON CREATE SET i1.quantity = '1 把'

MERGE (i2:Ingredient {name: '白菜'}) ON CREATE SET i2.quantity = '1 片'

MERGE (i3:Ingredient {name: '洋葱'}) ON CREATE SET i3.quantity = '1 个'

MERGE (i4:Ingredient {name: '木耳'}) ON CREATE SET i4.quantity = '2 大朵'

MERGE (i5:Ingredient {name: '红椒'}) ON CREATE SET i5.quantity = '半个'

MERGE (i6:Ingredient {name: '姜丝'}) ON CREATE SET i6.quantity = '1 小撮'

MERGE (i7:Ingredient {name: '葱段'})

// 创建调料节点并添加属性

MERGE (s1:Seasoning {name: '淀粉'}) ON CREATE SET s1.quantity = '1 汤勺'

MERGE (s2:Seasoning {name: '盐'})

MERGE (s3:Seasoning {name: '料酒'})

MERGE (s4:Seasoning {name: '味精'})

MERGE (s5:Seasoning {name: '生抽'})

MERGE (s6:Seasoning {name: '香油'}) ON CREATE SET s6.quantity = '1 小勺'

// 创建步骤节点并添加属性

MERGE (step1:Step {description: '肉丝、淀粉、一点点料酒混合抓匀'})

MERGE (step2:Step {description: '白菜洗净、擦干，裁去叶留帮，切成5厘米长的段，顺菜筋改刀成0.5厘米宽的丝；木耳切丝；洋葱去外皮，洗净切丝；红尖椒纵切丝。'})

MERGE (step3:Step {description: '炒锅里放油烧至七八成热，保持中火，放入姜丝和肉丝，用铲子拨散，肉丝发白时加入生抽翻炒。'})

MERGE (step4:Step {description: '看生抽色裹住肉丝时，放入白菜和木耳，翻炒１分钟，放入洋葱丝、红尖椒丝翻炒，待洋葱丝稍软关火，放盐、味精、香油、葱段拌匀盛盘。'})

// 创建关系

MATCH (r:Recipe {name: '小炒肉丝'})

MATCH (i:Ingredient), (s:Seasoning)

WHERE i.name IN ['肉', '白菜', '洋葱', '木耳', '红椒', '姜丝', '葱段']

AND s.name IN ['淀粉', '盐', '料酒', '味精', '生抽', '香油']

MERGE (r)-[:INCLUDES]->(i)

MERGE (r)-[:INCLUDES]->(s)

WITH r

MATCH (r)-[:INCLUDES]->(i), (r)-[:INCLUDES]->(s)

WHERE i.name IN ['肉', '白菜', '洋葱', '木耳', '红椒', '姜丝', '葱段']

AND s.name IN ['淀粉', '盐', '料酒', '味精', '生抽', '香油']

WITH r, COLLECT(i) AS ingredients, COLLECT(s) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['肉丝、淀粉、一点点料酒混合抓匀', '白菜洗净、擦干，裁去叶留帮，切成5厘米长的段，顺菜筋改刀成0.5厘米宽的丝；木耳切丝；洋葱去外皮，洗净切丝；红尖椒纵切丝。', '炒锅里放油烧至七八成热，保持中火，放入姜丝和肉丝，用铲子拨散，肉丝发白时加入生抽翻炒。', '看生抽色裹住肉丝时，放入白菜和木耳，翻炒１分钟，放入洋葱丝、红尖椒丝翻炒，待洋葱丝稍软关火，放盐、味精、香油、葱段拌匀盛盘。']

WITH r, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (r)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (r)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (r)-[:HAS\_STEP]->(step))

// 创建菜谱节点

MERGE (:Recipe {name: '银牙炒肉丝'})

// 创建材料节点并添加属性

MERGE (i1:Ingredient {name: '猪肉'}) ON CREATE SET i1.quantity = '200 克'

MERGE (i2:Ingredient {name: '豆芽'}) ON CREATE SET i2.quantity = '250 克'

MERGE (i3:Ingredient {name: '姜丝'})

MERGE (i4:Ingredient {name: '葱花'})

// 创建调料节点并添加属性

MERGE (s1:Seasoning {name: '盐'}) ON CREATE SET s1.quantity = '1 小勺'

MERGE (s2:Seasoning {name: '味精'}) ON CREATE SET s2.quantity = '1 小勺'

MERGE (s3:Seasoning {name: '料酒'}) ON CREATE SET s3.quantity = '1 小勺'

MERGE (s4:Seasoning {name: '淀粉'}) ON CREATE SET s4.quantity = '1 小勺'

// 创建步骤节点并添加属性

MERGE (step1:Step {description: '猪肉冲净、搌干，顺丝切成比豆芽菜稍粗的丝，用料酒、淀粉，一点点油抓拌匀。'})

MERGE (step2:Step {description: '豆芽菜用流水漂洗干净，拣除豆皮。'})

MERGE (step3:Step {description: '油烧热，先后放入姜丝、肉丝炒散。'})

MERGE (step4:Step {description: '肉丝炒到八成熟时放入豆芽菜，炒1～2分钟，豆芽菜稍软时放入盐、味精，翻匀盛出，撒入葱花。'})

// 创建关系

MATCH (r:Recipe {name: '银牙炒肉丝'})

MATCH (i:Ingredient), (s:Seasoning)

WHERE i.name IN ['猪肉', '豆芽', '姜丝', '葱花']

AND s.name IN ['盐', '味精', '料酒', '淀粉']

MERGE (r)-[:INCLUDES]->(i)

MERGE (r)-[:INCLUDES]->(s)

WITH r

MATCH (r)-[:INCLUDES]->(i), (r)-[:INCLUDES]->(s)

WHERE i.name IN ['猪肉', '豆芽', '姜丝', '葱花']

AND s.name IN ['盐', '味精', '料酒', '淀粉']

WITH r, COLLECT(i) AS ingredients, COLLECT(s) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['猪肉冲净、搌干，顺丝切成比豆芽菜稍粗的丝，用料酒、淀粉，一点点油抓拌匀。', '豆芽菜用流水漂洗干净，拣除豆皮。', '油烧热，先后放入姜丝、肉丝炒散。', '肉丝炒到八成熟时放入豆芽菜，炒1～2分钟，豆芽菜稍软时放入盐、味精，翻匀盛出，撒入葱花。']

WITH r, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (r)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (r)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (r)-[:HAS\_STEP]->(step))

// 创建菜谱节点

MERGE (:Recipe {name: '肉末烧'})

// 创建材料节点并添加属性

MERGE (i1:Ingredient {name: '肉'}) ON CREATE SET i1.quantity = '100 克'

MERGE (i2:Ingredient {name: '粉丝'}) ON CREATE SET i2.quantity = '1 小捆'

MERGE (i3:Ingredient {name: '白菜'}) ON CREATE SET i3.quantity = '300 克'

MERGE (i4:Ingredient {name: '虾皮'})

MERGE (i5:Ingredient {name: '姜'})

// 创建调料节点并添加属性

MERGE (s1:Seasoning {name: '盐'}) ON CREATE SET s1.quantity = '1 小勺'

MERGE (s2:Seasoning {name: '味精'}) ON CREATE SET s2.quantity = '1 小勺'

MERGE (s3:Seasoning {name: '酱油'}) ON CREATE SET s3.quantity = '1 小勺'

MERGE (s4:Seasoning {name: '香油'})

// 创建步骤节点并添加属性

MERGE (step1:Step {description: '粉丝泡发，控干。'})

MERGE (step2:Step {description: '小白菜切去根，洗净控干，切成 3 厘米左右长短的小段。'})

MERGE (step3:Step {description: '油烧热，放入肉末、姜末、酱油，炒散后放入小白菜，待其炒塌软后，放入滴一点香油。'})

MERGE (step4:Step {description: '盖上锅盖小火焖 2 分钟，放入盐和味精，炒匀关火。'})

// 创建关系

MATCH (r:Recipe {name: '肉末烧'})

MATCH (i:Ingredient), (s:Seasoning)

WHERE i.name IN ['肉', '粉丝', '白菜', '虾皮', '姜']

AND s.name IN ['盐', '味精', '酱油', '香油']

MERGE (r)-[:INCLUDES]->(i)

MERGE (r)-[:INCLUDES]->(s)

WITH r

MATCH (r)-[:INCLUDES]->(i), (r)-[:INCLUDES]->(s)

WHERE i.name IN ['肉', '粉丝', '白菜', '虾皮', '姜']

AND s.name IN ['盐', '味精', '酱油', '香油']

WITH r, COLLECT(i) AS ingredients, COLLECT(s) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['粉丝泡发，控干。', '小白菜切去根，洗净控干，切成 3 厘米左右长短的小段。', '油烧热，放入肉末、姜末、酱油，炒散后放入小白菜，待其炒塌软后，放入滴一点香油。', '盖上锅盖小火焖 2 分钟，放入盐和味精，炒匀关火。']

WITH r, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (r)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (r)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (r)-[:HAS\_STEP]->(step))

// 创建菜谱节点

MERGE (:Recipe {name: '白菜片炒肉丝'})

// 创建材料节点并添加属性

MERGE (i1:Ingredient {name: '白菜', quantity: '3 片'})

MERGE (i2:Ingredient {name: '木耳', quantity: '10 小朵'})

MERGE (i3:Ingredient {name: '肉', quantity: '100 克'})

MERGE (i4:Ingredient {name: '红椒', quantity: '半个'})

MERGE (i5:Ingredient {name: '葱', quantity: '适量'})

MERGE (i6:Ingredient {name: '姜', quantity: '适量'})

MERGE (i7:Ingredient {name: '蒜', quantity: '1 小勺'})

// 创建调料节点并添加属性

MERGE (s1:Seasoning {name: '酱油', quantity: '1 大勺'})

MERGE (s2:Seasoning {name: '盐'})

MERGE (s3:Seasoning {name: '味精'})

// 创建步骤节点并添加属性

MERGE (step1:Step {description: '白菜洗净、搌干，斜片成片；红椒去蒂及子，洗净，切块。'})

MERGE (step2:Step {description: '木耳择洗干净。'})

MERGE (step3:Step {description: '油烧热，放葱、姜末炝锅，放入肉片炒至变色发白时放入酱油，酱油色包住肉片后，放白菜片、红椒片，火稍转大，不断翻炒。'})

MERGE (step4:Step {description: '白菜塌软时放入木耳，放味精和盐炒匀，关火，放蒜粒，炒匀。'})

// 创建关系

MATCH (r:Recipe {name: '白菜片炒肉丝'})

MATCH (i:Ingredient), (s:Seasoning)

WHERE i.name IN ['白菜', '木耳', '肉', '红椒', '葱', '姜', '蒜']

AND s.name IN ['酱油', '盐', '味精']

MERGE (r)-[:INCLUDES]->(i)

MERGE (r)-[:INCLUDES]->(s)

WITH r

MATCH (r)-[:INCLUDES]->(i), (r)-[:INCLUDES]->(s)

WHERE i.name IN ['白菜', '木耳', '肉', '红椒', '葱', '姜', '蒜']

AND s.name IN ['酱油', '盐', '味精']

WITH r, COLLECT(i) AS ingredients, COLLECT(s) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['白菜洗净、搌干，斜片成片；红椒去蒂及子，洗净，切块。', '木耳择洗干净。', '油烧热，放葱、姜末炝锅，放入肉片炒至变色发白时放入酱油，酱油色包住肉片后，放白菜片、红椒片，火稍转大，不断翻炒。', '白菜塌软时放入木耳，放味精和盐炒匀，关火，放蒜粒，炒匀。']

WITH r, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (r)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (r)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (r)-[:HAS\_STEP]->(step))

// 创建菜谱节点

MERGE (:Recipe {name: '干煸豆'})

// 创建材料节点并添加属性

MERGE (i1:Ingredient {name: '肉', quantity: '150 克'})

MERGE (i2:Ingredient {name: '扁豆', quantity: '400 克'})

// 创建调料节点并添加属性

MERGE (s1:Seasoning {name: '干辣椒', quantity: '4 个'})

MERGE (s2:Seasoning {name: '老抽', quantity: '1 大勺'})

MERGE (s3:Seasoning {name: '榨菜末'})

MERGE (s4:Seasoning {name: '花椒'})

MERGE (s5:Seasoning {name: '蒜'})

MERGE (s6:Seasoning {name: '盐'})

MERGE (s7:Seasoning {name: '味精'})

// 创建步骤节点并添加属性

MERGE (step1:Step {description: '扁豆两头撕去老筋，掰成两节，洗净，控干。'})

MERGE (step2:Step {description: '烧热 250 克油，放入扁豆，炸到扁豆表皮起皱时，用笊篱捞出控净油。'})

MERGE (step3:Step {description: '另取锅烧热，用1大勺油爆香干辣椒、花椒、榨菜、蒜粒，加入肉末炒熟，倒入老抽、扁豆翻炒，扁豆熟透时关火，放盐和味精，炒匀。'})

// 创建关系

MATCH (r:Recipe {name: '干煸豆'})

MATCH (i:Ingredient), (s:Seasoning)

WHERE i.name IN ['肉', '扁豆']

AND s.name IN ['干辣椒', '老抽', '榨菜末', '花椒', '蒜', '盐', '味精']

MERGE (r)-[:INCLUDES]->(i)

MERGE (r)-[:INCLUDES]->(s)

WITH r

MATCH (r)-[:INCLUDES]->(i), (r)-[:INCLUDES]->(s)

WHERE i.name IN ['肉', '扁豆']

AND s.name IN ['干辣椒', '老抽', '榨菜末', '花椒', '蒜', '盐', '味精']

WITH r, COLLECT(i) AS ingredients, COLLECT(s) AS seasonings

MATCH(step:Step)

WHERE step.description IN ['扁豆两头撕去老筋，掰成两节，洗净，控干。', '烧热 250 克油，放入扁豆，炸到扁豆表皮起皱时，用笊篱捞出控净油。', '另取锅烧热，用1大勺油爆香干辣椒、花椒、榨菜、蒜粒，加入肉末炒熟，倒入老抽、扁豆翻炒，扁豆熟透时关火，放盐和味精，炒匀。']

WITH r, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (r)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (r)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (r)-[:HAS\_STEP]->(step))

// 创建菜谱节点

MERGE (:Recipe {name: '蚂蚁上树'})

// 创建材料节点并添加属性

MERGE (i1:Ingredient {name: '粉丝', quantity: '2 小捆'})

MERGE (i2:Ingredient {name: '肉', quantity: '100 克'})

MERGE (i3:Ingredient {name: '葱', quantity: '适量'})

MERGE (i4:Ingredient {name: '姜', quantity: '适量'})

// 创建调料节点并添加属性

MERGE (s1:Seasoning {name: '豆瓣辣酱', quantity: '1 大勺'})

MERGE (s2:Seasoning {name: '酱油', quantity: '1 大勺'})

MERGE (s3:Seasoning {name: '料酒', quantity: '1 小勺'})

MERGE (s4:Seasoning {name: '白糖', quantity: '1 小勺'})

MERGE (s5:Seasoning {name: '盐'})

MERGE (s6:Seasoning {name: '味精'})

// 创建步骤节点并添加属性

MERGE (step1:Step {description: '粉丝用温水泡发，开水烫一下，用剪刀剪成约9厘米长的段，控干水。'})

MERGE (step2:Step {description: '将豆瓣酱、酱油、白糖、料酒、盐、味精调匀制成味汁。'})

MERGE (step3:Step {description: '油烧热，放入姜丝爆香，马上放入肉末炒散，肉末半熟（表面发白）时调入味汁，炒出香味后放入一点水没过肉末，小火烧开。'})

MERGE (step4:Step {description: '放入粉丝，炒到汤汁均匀包裹住粉丝，盖上锅盖焖2分钟，关火盛起，撒上葱花。'})

// 创建关系

MATCH (r:Recipe {name: '蚂蚁上树'})

MATCH (i:Ingredient), (s:Seasoning)

WHERE i.name IN ['粉丝', '肉', '葱', '姜']

AND s.name IN ['豆瓣辣酱', '酱油', '料酒', '白糖', '盐', '味精']

MERGE (r)-[:INCLUDES]->(i)

MERGE (r)-[:INCLUDES]->(s)

WITH r

MATCH (r)-[:INCLUDES]->(i), (r)-[:INCLUDES]->(s)

WHERE i.name IN ['粉丝', '肉', '葱', '姜']

AND s.name IN ['豆瓣辣酱', '酱油', '料酒', '白糖', '盐', '味精']

WITH r, COLLECT(i) AS ingredients, COLLECT(s) AS seasonings

MATCH(step:Step)

WHERE step.description IN ['粉丝用温水泡发，开水烫一下，用剪刀剪成约9厘米长的段，控干水。', '将豆瓣酱、酱油、白糖、料酒、盐、味精调匀制成味汁。', '油烧热，放入姜丝爆香，马上放入肉末炒散，肉末半熟（表面发白）时调入味汁，炒出香味后放入一点水没过肉末，小火烧开。','放入粉丝，炒到汤汁均匀包裹住粉丝，盖上锅盖焖2分钟，关火盛起，撒上葱花。']

WITH r, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (r)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (r)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (r)-[:HAS\_STEP]->(step))

// 创建菜谱节点

MERGE (:Recipe {name: '黄瓜炒肉片'})

// 创建材料节点并添加属性

MERGE (:Ingredient {name: '肉', quantity: '100 克'})

MERGE (:Ingredient {name: '黄瓜', quantity: '1 根'})

MERGE (:Ingredient {name: '葱', quantity: '适量'})

MERGE (:Ingredient {name: '姜', quantity: '适量'})

// 创建调料节点并添加属性

MERGE (:Seasoning {name: '老抽', quantity: '1 小勺'})

MERGE (:Seasoning {name: '水淀粉'})

MERGE (:Seasoning {name: '盐'})

MERGE (:Seasoning {name: '味精'})

// 创建步骤节点并添加属性

MERGE (:Step {description: '油烧热，放葱、姜末爆香，放肉片炒熟。'})

MERGE (:Step {description: '放黄瓜片和盐、味精，翻炒至黄瓜断生即可。'})

MERGE (:Step {description: '黄瓜洗净，切去两头，先改刀成菱形再立起来切菱形片。'})

MERGE (:Step {description: '老抽、水淀粉和肉片抓匀。'})

// 创建关系

MATCH (r:Recipe {name: '黄瓜炒肉片'})

MATCH (i:Ingredient), (s:Seasoning)

WHERE i.name IN ['肉', '黄瓜', '葱', '姜']

AND s.name IN ['老抽', '水淀粉', '盐', '味精']

MERGE (r)-[:INCLUDES]->(i)

MERGE (r)-[:INCLUDES]->(s)

WITH r

MATCH (r)-[:INCLUDES]->(i), (r)-[:INCLUDES]->(s)

WHERE i.name IN ['肉', '黄瓜', '葱', '姜']

AND s.name IN ['老抽', '水淀粉', '盐', '味精']

WITH r, COLLECT(i) AS ingredients, COLLECT(s) AS seasonings

MATCH(step:Step)

WHERE step.description IN ['油烧热，放葱、姜末爆香，放肉片炒熟。', '放黄瓜片和盐、味精，翻炒至黄瓜断生即可。', '黄瓜洗净，切去两头，先改刀成菱形再立起来切菱形片。','老抽、水淀粉和肉片抓匀。']

WITH r, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (r)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (r)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (r)-[:HAS\_STEP]->(step))

// 创建西柠炒鸡片菜谱节点

CREATE (:Recipe {name: '西柠炒鸡片'})

// 创建西柠炒鸡片材料节点并添加属性

CREATE (:Ingredient {name: '鸡胸肉', quantity: '1 块'})

CREATE (:Ingredient {name: '柠檬', quantity: '半个'})

CREATE (:Ingredient {name: '黄甜椒', quantity: '半个'})

// 创建西柠炒鸡片调料节点并添加属性

CREATE (:Seasoning {name: '水淀粉', quantity: '1 大勺'})

CREATE (:Seasoning {name: '盐'})

CREATE (:Seasoning {name: '白糖'})

CREATE (:Seasoning {name: '味精'})

// 创建西柠炒鸡片步骤节点并添加属性

CREATE (:Step {description: '鸡胸肉切成 3 厘米左右见方的片；柠檬切片；甜椒去蒂及子，洗净，切块。'})

CREATE (:Step {description: '鸡片加水淀粉、一点白糖抓拌匀，挤入柠檬果肉汁，拌匀。'})

CREATE (:Step {description: '油烧热，放入鸡肉滑熟。'})

CREATE (:Step {description: '黄甜椒和挤过汁的柠檬一起放入锅中，调入适量的盐、白糖、味精，待准备甜椒油亮时关火。'})

// 创建关系

MATCH (recipe:Recipe {name: '西柠炒鸡片'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning)

WHERE ingredient.name IN ['鸡胸肉', '柠檬', '黄甜椒']

AND seasoning.name IN ['水淀粉', '盐', '白糖', '味精']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['鸡胸肉切成 3 厘米左右见方的片；柠檬切片；甜椒去蒂及子，洗净，切块。', '鸡片加水淀粉、一点白糖抓拌匀，挤入柠檬果肉汁，拌匀。', '油烧热，放入鸡肉滑熟。', '黄甜椒和挤过汁的柠檬一起放入锅中，调入适量的盐、白糖、味精，待准备甜椒油亮时关火。']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

// 创建清笋炒鸡片菜谱节点

MERGE (:Recipe {name: '清笋炒鸡片'})

// 创建清笋炒鸡片材料节点并添加属性

MERGE (:Ingredient {name: '莴笋', quantity: '半根（200～300 克）'})

MERGE (:Ingredient {name: '鸡肉', quantity: '100 克'})

MERGE (:Ingredient {name: '红椒', quantity: '半个'})

MERGE (:Ingredient {name: '姜片', quantity: '5 片'})

// 创建清笋炒鸡片调料节点并添加属性

MERGE (:Seasoning {name: '水淀粉'})

MERGE (:Seasoning {name: '盐'})

MERGE (:Seasoning {name: '味精'})

// 创建清笋炒鸡片步骤节点并添加属性

MERGE (:Step {description: '笋去外皮，切片；红椒切块。'})

MERGE (:Step {description: '鸡肉片用水淀粉抓匀。'})

MERGE (:Step {description: '油烧热，放入姜片和鸡肉滑炒。'})

MERGE (:Step {description: '鸡肉将熟时放入莴笋片、红椒片，放调料盐和味精，翻炒一下即可。'})

// 创建关系

MATCH (recipe:Recipe {name: '清笋炒鸡片'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['莴笋', '鸡肉', '红椒', '姜片']

AND seasoning.name IN ['水淀粉', '盐', '味精']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['笋去外皮，切片；红椒切块。', '鸡肉片用水淀粉抓匀。', '油烧热，放入姜片和鸡肉滑炒。', '鸡肉将熟时放入莴笋片、红椒片，放调料盐和味精，翻炒一下即可。']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

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// 创建油焖虾菜谱节点

MERGE (:Recipe {name: '油焖虾'})

// 创建油焖虾材料节点并添加属性

MERGE (:Ingredient {name: '虾', quantity: '250 克'})

MERGE (:Ingredient {name: '葱花', quantity: '适量'})

MERGE (:Ingredient {name: '姜', quantity: '适量'})

MERGE (:Ingredient {name: '青椒', quantity: '几根'})

MERGE (:Ingredient {name: '红椒', quantity: '几根'})

// 创建油焖虾调料节点并添加属性

MERGE (:Seasoning {name: '料酒', quantity: '1 大勺'})

MERGE (:Seasoning {name: '白糖', quantity: '1 小勺'})

MERGE (:Seasoning {name: '盐', quantity: '适量'})

MERGE (:Seasoning {name: '味精', quantity: '适量'})

// 创建油焖虾步骤节点并添加属性

MERGE (:Step {description: '虾剪去须、爪和虾枪，冲净、控净水。'})

MERGE (:Step {description: '烧热 3 勺油，爆香葱、姜末，放入虾，炒至虾变红，放入料酒、白糖、盐、味虾精炒匀。'})

MERGE (:Step {description: '烧一会儿，放入青、红椒丝，翻炒几下熄火。'})

// 创建关系

MATCH (recipe:Recipe {name: '油焖虾'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['虾', '葱花', '姜', '青椒', '红椒'] AND seasoning.name IN ['料酒', '白糖', '盐', '味精']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['虾剪去须、爪和虾枪，冲净、控净水。', '烧热 3 勺油，爆香葱、姜末，放入虾，炒至虾变红，放入料酒、白糖、盐、味虾精炒匀。', '烧一会儿，放入青、红椒丝，翻炒几下熄火。']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

// 创建虾皮炒菠菜菜谱节点

MERGE (:Recipe {name: '虾皮炒菠菜'})

// 创建虾皮炒菠菜材料节点并添加属性

MERGE (:Ingredient {name: '菠菜', quantity: '1 小捆（约 250 克）'})

MERGE (:Ingredient {name: '虾皮', quantity: '1 大勺'})

// 创建虾皮炒菠菜调料节点并添加属性

MERGE (:Seasoning {name: '盐', quantity: '适量'})

MERGE (:Seasoning {name: '味精', quantity: '适量'})

// 创建虾皮炒菠菜步骤节点并添加属性

MERGE (:Step {description: '菠菜择洗净，焯烫，捞出控净水，切段。'})

MERGE (:Step {description: '干虾皮洗干净，用温水泡一下，滗去水。'})

MERGE (:Step {description: '油烧热，煸香虾皮，将菠菜倒入同炒，加入盐、味精炒匀即成。'})

// 创建关系

MATCH (recipe:Recipe {name: '虾皮炒菠菜'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['菠菜', '虾皮'] AND seasoning.name IN ['盐', '味精']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['菠菜择洗净，焯烫，捞出控净水，切段。', '干虾皮洗干净，用温水泡一下，滗去水。', '油烧热，煸香虾皮，将菠菜倒入同炒，加入盐、味精炒匀即成。']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

// 创建辣炒圆白菜菜谱节点

MERGE (:Recipe {name: '辣炒圆白菜'})

// 创建辣炒圆白菜材料节点并添加属性

MERGE (:Ingredient {name: '白菜', quantity: '半棵（约 250 克）'})

// 创建辣炒圆白菜调料节点并添加属性

MERGE (:Seasoning {name: '红椒', quantity: '4 个'})

MERGE (:Seasoning {name: '味精', quantity: '适量'})

MERGE (:Seasoning {name: '盐', quantity: '适量'})

// 创建辣炒圆白菜步骤节点并添加属性

MERGE (:Step {description: '圆白菜洗净，切不规则片。'})

MERGE (:Step {description: '油烧热，放入干片刻后放入圆白菜，加盐和味精炒匀至熟即可。'})

// 创建关系

MATCH (recipe:Recipe {name: '辣炒圆白菜'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['白菜'] AND seasoning.name IN ['红椒', '味精', '盐']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['圆白菜洗净，切不规则片。', '油烧热，放入干片刻后放入圆白菜，加盐和味精炒匀至熟即可。']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

// 创建番茄炒菜花菜谱节点

MERGE (:Recipe {name: '番茄炒菜花'})

// 创建番茄炒菜花材料节点并添加属性

MERGE (:Ingredient {name: '菜花', quantity: '半个（约 250 克）'})

MERGE (:Ingredient {name: '番茄酱', quantity: '3 大勺'})

// 创建番茄炒菜花调料节点并添加属性

MERGE (:Seasoning {name: '盐', quantity: '适量'})

MERGE (:Seasoning {name: '味精', quantity: '适量'})

// 创建番茄炒菜花步骤节点并添加属性

MERGE (:Step {description: '菜花掰成小朵，洗净控水。'})

MERGE (:Step {description: '油烧热，放入菜花，翻炒时放一点水，烧 2 花分钟，放入番茄酱、盐和味精炒匀，小火烩 2 分钟即可。'})

// 创建关系

MATCH (recipe:Recipe {name: '番茄炒菜花'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['菜花', '番茄酱'] AND seasoning.name IN ['盐', '味精']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['菜花掰成小朵，洗净控水。', '油烧热，放入菜花，翻炒时放一点水，烧 2 花分钟，放入番茄酱、盐和味精炒匀，小火烩 2 分钟即可。']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

// 创建烧萝卜菜谱节点

MERGE (:Recipe {name: '烧萝卜'})

// 创建烧萝卜材料节点并添加属性

MERGE (:Ingredient {name: '萝卜', quantity: '300 克'})

MERGE (:Ingredient {name: '葱', quantity: '适量'})

// 创建烧萝卜调料节点并添加属性

MERGE (:Seasoning {name: '酱油', quantity: '1 小勺'})

MERGE (:Seasoning {name: '白糖', quantity: '半小勺'})

MERGE (:Seasoning {name: '醋', quantity: '1 大勺'})

MERGE (:Seasoning {name: '味精', quantity: '适量'})

MERGE (:Seasoning {name: '盐', quantity: '适量'})

MERGE (:Seasoning {name: '水淀粉', quantity: '适量'})

// 创建烧萝卜步骤节点并添加属性

MERGE (:Step {description: '烧热 3 勺油，放入萝卜块，炒到油亮，到入小半杯水，小火焖到熟软，调入味汁，待芡汁收稠后起锅，撒入葱末。'})

// 创建关系

MATCH (recipe:Recipe {name: '烧萝卜'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['萝卜', '葱'] AND seasoning.name IN ['酱油', '白糖', '醋', '味精', '盐', '水淀粉']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['烧热 3 勺油，放入萝卜块，炒到油亮，到入小半杯水，小火焖到熟软，调入味汁，待芡汁收稠后起锅，撒入葱末。']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

// 创建蚝油生菜菜谱节点

MERGE (:Recipe {name: '蚝油生菜'})

// 创建蚝油生菜材料节点并添加属性

MERGE (:Ingredient {name: '生菜', quantity: '200 克'})

MERGE (:Ingredient {name: '姜末', quantity: '少许'})

// 创建蚝油生菜调料节点并添加属性

MERGE (:Seasoning {name: '蚝油', quantity: '1 大勺'})

MERGE (:Seasoning {name: '盐', quantity: '适量'})

MERGE (:Seasoning {name: '味精', quantity: '适量'})

// 创建步骤节点并添加属性

MERGE (:Step {description: '生菜洗净，一片片剥开'})

MERGE (:Step {description: '油烧热，放入姜末，生菜入锅，翻炒一下'})

MERGE (:Step {description: '关火，放入盐、味精、蚝油翻匀'})

// 创建关系

MATCH (recipe:Recipe {name: '蚝油生菜'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['生菜', '姜末'] AND seasoning.name IN ['蚝油', '盐', '味精']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['生菜洗净，一片片剥开', '油烧热，放入姜末，生菜入锅，翻炒一下', '关火，放入盐、味精、蚝油翻匀']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

// 创建黑椒牛柳菜谱节点

MERGE (:Recipe {name: '黑椒牛柳'})

// 创建黑椒牛柳材料节点并添加属性

MERGE (:Ingredient {name: '牛里脊肉', quantity: '200 克'})

MERGE (:Ingredient {name: '洋葱', quantity: '1 个'})

MERGE (:Ingredient {name: '青椒', quantity: '1 个'})

// 创建黑椒牛柳调料节点并添加属性

MERGE (:Seasoning {name: '黑胡椒粉', quantity: '适量'})

MERGE (:Seasoning {name: '蚝油', quantity: '适量'})

MERGE (:Seasoning {name: '料酒', quantity: '适量'})

MERGE (:Seasoning {name: '水淀粉', quantity: '适量'})

MERGE (:Seasoning {name: '盐', quantity: '适量'})

MERGE (:Seasoning {name: '白牛糖', quantity: '适量'})

MERGE (:Seasoning {name: '味精', quantity: '适量'})

// 创建步骤节点并添加属性

MERGE (:Step {description: '烧热 3 勺油'})

MERGE (:Step {description: '放入牛柳炒至七成熟'})

MERGE (:Step {description: '放入黑胡椒粉、蚝油及白糖、盐、味精炒匀'})

MERGE (:Step {description: '放入洋葱和青椒翻炒至牛肉熟'})

// 创建关系

MATCH (recipe:Recipe {name: '黑椒牛柳'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['牛里脊肉', '洋葱', '青椒'] AND seasoning.name IN ['黑胡椒粉', '蚝油', '料酒', '水淀粉', '盐', '白牛糖', '味精']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['烧热 3 勺油', '放入牛柳炒至七成熟', '放入黑胡椒粉、蚝油及白糖、盐、味精炒匀', '放入洋葱和青椒翻炒至牛肉熟']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

// 创建洋葱炒牛肉菜谱节点

MERGE (:Recipe {name: '洋葱炒牛肉'})

// 创建洋葱炒牛肉材料节点并添加属性

MERGE (:Ingredient {name: '洋葱', quantity: '1 个'})

MERGE (:Ingredient {name: '牛肉', quantity: '150 克'})

MERGE (:Ingredient {name: '姜', quantity: '5 片'})

MERGE (:Ingredient {name: '番茄', quantity: '3 个'})

// 创建洋葱炒牛肉调料节点并添加属性

MERGE (:Seasoning {name: '酱油'})

MERGE (:Seasoning {name: '料酒'})

MERGE (:Seasoning {name: '水淀粉'})

MERGE (:Seasoning {name: '盐'})

MERGE (:Seasoning {name: '味精'})

// 创建洋葱炒牛肉步骤节点并添加属性

MERGE (:Step {description: '洋葱剥洗净，切片；番茄洗净切半。'})

MERGE (:Step {description: '牛肉片用料酒、水淀粉浆好。'})

MERGE (:Step {description: '油烧热，放入姜片和牛肉翻炒，牛肉变色时放入酱油、料酒炒匀。'})

MERGE (:Step {description: '肉熟后，放入洋葱和番茄，放盐和味精，翻炒至洋葱断生，熄火。'})

// 创建关系

MATCH (recipe:Recipe {name: '洋葱炒牛肉'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['洋葱', '牛肉', '姜', '番茄']

AND seasoning.name IN ['酱油', '料酒', '水淀粉', '盐', '味精']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['洋葱剥洗净，切片；番茄洗净切半。', '牛肉片用料酒、水淀粉浆好。', '油烧热，放入姜片和牛肉翻炒，牛肉变色时放入酱油、料酒炒匀。', '肉熟后，放入洋葱和番茄，放盐和味精，翻炒至洋葱断生，熄火。']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

// 创建香辣牛肉丝菜谱节点

MERGE (:Recipe {name: '香辣牛肉丝'})

// 创建香辣牛肉丝材料节点并添加属性

MERGE (:Ingredient {name: '牛肉', quantity: '150 克'})

MERGE (:Ingredient {name: '蒜苗', quantity: '3～4 根'})

MERGE (:Ingredient {name: '红椒', quantity: '1 个'})

MERGE (:Ingredient {name: '姜'})

// 创建香辣牛肉丝调料节点并添加属性

MERGE (:Seasoning {name: '料酒', quantity: '1 大勺'})

MERGE (:Seasoning {name: '酱油', quantity: '1 大勺'})

MERGE (:Seasoning {name: '胡椒粉'})

MERGE (:Seasoning {name: '盐'})

MERGE (:Seasoning {name: '味精'})

MERGE (:Seasoning {name: '辣椒'})

MERGE (:Seasoning {name: '水淀粉'})

MERGE (:Seasoning {name: '香油'})

// 创建香辣牛肉丝步骤节点并添加属性

MERGE (:Step {description: '牛肉丝与一半的料酒和酱油、少许油、水淀粉、少许盐抓匀腌拌。'})

MERGE (:Step {description: '蒜苗洗净，切成5厘米左右长的段。'})

MERGE (:Step {description: '红尖椒去蒂和子纵向切丝；辣椒剪成段。'})

MERGE (:Step {description: '烧热3勺油，炸香辣椒，放入姜丝和牛肉丝，滑炒，加入胡椒粉炒匀。'})

MERGE (:Step {description: '看牛肉丝八成熟时放入蒜苗和红尖椒，加入剩下的料酒和酱油、盐和味精炒匀，熄火，调入适量香油炒匀。'})

// 创建关系

MATCH (recipe:Recipe {name: '香辣牛肉丝'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['牛肉', '蒜苗', '红椒', '姜']

AND seasoning.name IN ['料酒', '酱油', '胡椒粉', '盐', '味精', '辣椒', '水淀粉', '香油']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['牛肉丝与一半的料酒和酱油、少许油、水淀粉、少许盐抓匀腌拌。', '蒜苗洗净，切成5厘米左右长的段。', '红尖椒去蒂和子纵向切丝；辣椒剪成段。', '烧热3勺油，炸香辣椒，放入姜丝和牛肉丝，滑炒，加入胡椒粉炒匀。', '看牛肉丝八成熟时放入蒜苗和红尖椒，加入剩下的料酒和酱油、盐和味精炒匀，熄火，调入适量香油炒匀。']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

// 创建葱爆羊肉菜谱节点

MERGE (:Recipe {name: '葱爆羊肉'})

// 创建葱爆羊肉材料节点并添加属性

MERGE (:Ingredient {name: '羊肉', quantity: '200 克'})

MERGE (:Ingredient {name: '葱', quantity: '2 根'})

MERGE (:Ingredient {name: '姜', quantity: '1 小勺'})

MERGE (:Ingredient {name: '蒜', quantity: '1 小勺'})

// 创建葱爆羊肉调料节点并添加属性

MERGE (:Seasoning {name: '酱油', quantity: '1 大勺'})

MERGE (:Seasoning {name: '盐'})

MERGE (:Seasoning {name: '白糖'})

MERGE (:Seasoning {name: '味精'})

// 创建葱爆羊肉步骤节点并添加属性

MERGE (:Step {description: '葱切斜片（炒散后就成斜的葱圈了）。'})

MERGE (:Step {description: '烧热3大勺油，转大火，放入一半姜丝放进锅里，和少许葱爆香，放入羊肉翻炒。'})

MERGE (:Step {description: '羊肉半熟时放入葱、酱油、盐快速翻炒，见葱被烫软时加入白糖、味精关火，放入另一半姜丝和蒜末。'})

// 创建关系

MATCH (recipe:Recipe {name: '葱爆羊肉'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['羊肉', '葱', '姜', '蒜']

AND seasoning.name IN ['酱油', '盐', '白糖', '味精']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['葱切斜片（炒散后就成斜的葱圈了）。', '烧热3大勺油，转大火，放入一半姜丝放进锅里，和少许葱爆香，放入羊肉翻炒。', '羊肉半熟时放入葱、酱油、盐快速翻炒，见葱被烫软时加入白糖、味精关火，放入另一半姜丝和蒜末。']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

// 创建三色鸡丝菜谱节点

MERGE (:Recipe {name: '三色鸡丝'})

// 创建三色鸡丝材料节点并添加属性

MERGE (:Ingredient {name: '鸡肉', quantity: '150 克'})

MERGE (:Ingredient {name: '青椒', quantity: '1 个'})

MERGE (:Ingredient {name: '香菇', quantity: '5 朵'})

// 创建三色鸡丝调料节点并添加属性

MERGE (:Seasoning {name: '盐'})

MERGE (:Seasoning {name: '味精'})

// 创建三色鸡丝步骤节点并添加属性

MERGE (:Step {description: '青椒洗净，去蒂去子，纵向切细丝。'})

MERGE (:Step {description: '水发香菇挤去水，去蒂，切丝。'})

MERGE (:Step {description: '油烧热，滑炒鸡丝和香菇丝，鸡丝一变色即放入青椒，同时放入盐和味精，炒匀即可。'})

// 修改关系

MATCH (recipe:Recipe {name: '三色鸡丝'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['鸡肉', '青椒', '香菇']

AND seasoning.name IN ['盐', '味精']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['青椒洗净，去蒂去子，纵向切细丝。', '水发香菇挤去水，去蒂，切丝。', '油烧热，滑炒鸡丝和香菇丝，鸡丝一变色即放入青椒，同时放入盐和味精，炒匀即可。']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

// 创建酱爆鸡丁菜谱节点

MERGE (:Recipe {name: '酱爆鸡丁'})

// 创建酱爆鸡丁材料节点并添加属性

MERGE (:Ingredient {name: '鸡肉', quantity: '1 块'})

MERGE (:Ingredient {name: '黄瓜', quantity: '半根'})

// 创建酱爆鸡丁调料节点并添加属性

MERGE (:Seasoning {name: '甜面酱', quantity: '1 大勺'})

MERGE (:Seasoning {name: '水淀粉', quantity: '1 大勺'})

MERGE (:Seasoning {name: '味精'})

MERGE (:Seasoning {name: '白糖'})

MERGE (:Seasoning {name: '盐'})

MERGE (:Seasoning {name: '姜汁'})

// 创建酱爆鸡丁步骤节点并添加属性

MERGE (:Step {description: '鸡脯肉切1厘米见方的丁，用水淀粉、少许盐、姜汁抓好。'})

MERGE (:Step {description: '黄瓜切与鸡肉丁相仿的丁。'})

MERGE (:Step {description: '油烧热，放入鸡丁滑散，盛出。'})

MERGE (:Step {description: '油烧热，甜面酱里加1勺水调开，倒进锅里翻炒几下，放入鸡丁，炒至被酱汁均匀包裹住，放黄瓜丁，一边翻炒一边尝一下，按口味加入少量盐和白糖、味精，尽快熄火。'})

// 修改关系

MATCH (recipe:Recipe {name: '酱爆鸡丁'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['鸡肉', '黄瓜']

AND seasoning.name IN ['甜面酱', '水淀粉', '味精', '白糖', '盐', '姜汁']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['鸡脯肉切1厘米见方的丁，用水淀粉、少许盐、姜汁抓好。', '黄瓜切与鸡肉丁相仿的丁。', '油烧热，放入鸡丁滑散，盛出。', '油烧热，甜面酱里加1勺水调开，倒进锅里翻炒几下，放入鸡丁，炒至被酱汁均匀包裹住，放黄瓜丁，一边翻炒一边尝一下，按口味加入少量盐和白糖、味精，尽快熄火。']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

// 创建鸡粒玉米菜谱节点

MERGE (:Recipe {name: '鸡粒玉米'})

// 创建鸡粒玉米材料节点并添加属性

MERGE (:Ingredient {name: '鸡肉', quantity: '100 克'})

MERGE (:Ingredient {name: '玉米', quantity: '半罐'})

MERGE (:Ingredient {name: '荸荠', quantity: '4 个'})

MERGE (:Ingredient {name: '姜'})

// 创建鸡粒玉米调料节点并添加属性

MERGE (:Seasoning {name: '水淀粉', quantity: '1 大勺'})

MERGE (:Seasoning {name: '盐'})

MERGE (:Seasoning {name: '味精'})

// 创建鸡粒玉米步骤节点并添加属性

MERGE (:Step {description: '鸡肉切成小丁。'})

MERGE (:Step {description: '荸荠去皮，洗净，切成比玉米粒稍大的丁。'})

MERGE (:Step {description: '油烧热，放入姜末和鸡丁，炒散。'})

MERGE (:Step {description: '荸荠和玉米、盐、味精炒匀，用水淀粉（调得稀一点）勾芡，芡熟即好。'})

// 修改关系

MATCH (recipe:Recipe {name: '鸡粒玉米'})

MATCH (ingredient:Ingredient), (seasoning:Seasoning), (step:Step)

WHERE ingredient.name IN ['鸡肉', '玉米', '荸荠', '姜']

AND seasoning.name IN ['水淀粉', '盐', '味精']

WITH recipe, COLLECT(ingredient) AS ingredients, COLLECT(seasoning) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['鸡肉切成小丁。', '荸荠去皮，洗净，切成比玉米粒稍大的丁。', '油烧热，放入姜末和鸡丁，炒散。', '荸荠和玉米、盐、味精炒匀，用水淀粉（调得稀一点）勾芡，芡熟即好。']

WITH recipe, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (recipe)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (recipe)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (recipe)-[:HAS\_STEP]->(step))

MATCH (i:Ingredient {name: '肉'}) // 匹配名称为 '肉' 的 Ingredient 节点

SET i.english\_name = 'meat' // 为匹配到的节点添加英文名属性，设置值为 'meat'

MATCH (i:Ingredient {name: '白菜'})

SET i.english\_name = 'cabbage'

MATCH (i:Ingredient {name: '木耳'})

SET i.english\_name = 'wood ear'

MATCH (i:Ingredient {name: '红椒'}) // 匹配名称为 '红椒' 的 Ingredient 节点

SET i.english\_name = 'red pepper' // 为匹配到的节点添加英文名属性，设置值为 'red pepper'

MATCH (i:Ingredient {name: '青椒'}) // 匹配名称为 '红椒' 的 Ingredient 节点

SET i.english\_name = 'green pepper' // 为匹配到的节点添加英文名属性，设置值为 'red pepper'

MATCH (i:Ingredient {name: '姜丝'}) // 匹配名称为 '姜' 的 Ingredient 节点

SET i.english\_name = 'ginger' // 为匹配到的节点添加英文名属性，设置值为 'ginger'

MATCH (i:Ingredient {name: '姜片'}) // 匹配名称为 '姜' 的 Ingredient 节点

SET i.english\_name = 'ginger' // 为匹配到的节点添加英文名属性，设置值为 'ginger'

MATCH (i:Ingredient {name: '姜末'}) // 匹配名称为 '姜' 的 Ingredient 节点

SET i.english\_name = 'ginger' // 为匹配到的节点添加英文名属性，设置值为 'ginger'

MATCH (i:Ingredient {name: '洋葱'}) // 匹配名称为 '葱' 的 Ingredient 节点

SET i.english\_name = 'onion'

MATCH (i:Ingredient {name: '葱花'}) // 匹配名称为 '葱' 的 Ingredient 节点

SET i.english\_name = 'onion'

MATCH (i:Ingredient {name: '豆芽'}) // 匹配名称为 '豆芽' 的 Ingredient 节点

SET i.english\_name = 'bean sprout' // 为匹配到的节点添加英文名属性，设置值为 'bean sprout'

MATCH (i:Ingredient {name: '猪肉'}) // 匹配名称为 '猪肉' 的 Ingredient 节点

SET i.english\_name = ['pork', 'meat'] // 为匹配到的节点添加英文名属性，设置值为 'pork'

MATCH (i:Ingredient {name: '虾皮'})

SET i.english\_name = 'dried shrimp'

MATCH (i:Ingredient {name: '虾'})

SET i.english\_name = 'shrimp'

MATCH (i:Ingredient {name: '粉丝'})

SET i.english\_name = 'vermicelli'

MATCH (i:Ingredient {name: '蒜'})

SET i.english\_name = 'garlic'

MATCH (i:Ingredient {name: '扁豆'})

SET i.english\_name = 'green bean'

MATCH (i:Ingredient {name: '黄瓜'})

SET i.english\_name = 'cucumber'

MATCH (i:Ingredient {name: '鸡胸肉'})

SET i.english\_name = ['chicken breast', 'chicken', 'meat']

MATCH (i:Ingredient {name: '柠檬'})

SET i.english\_name = 'lemon'

MATCH (i:Ingredient {name: '黄甜椒'})

SET i.english\_name = ['yellow bell pepper', 'bell pepper']

MATCH (i:Ingredient {name: '鸡肉'})

SET i.english\_name = ['chicken', 'meat']

MATCH (i:Ingredient {name: '莴笋'})

SET i.english\_name = 'lettuce'

MATCH (i:Ingredient {name: '生菜'})

SET i.english\_name = 'lettuce'

MATCH (i:Ingredient {name: '菠菜'})

SET i.english\_name = 'spinach'

MATCH (i:Ingredient {name: '菜花'})

SET i.english\_name = 'cauliflower'

MATCH (i:Ingredient {name: '番茄酱'})

SET i.english\_name = ['tomato', 'tomato sauce']

MATCH (i:Ingredient {name: '萝卜'})

SET i.english\_name = ['carrot', 'radish']

MATCH (i:Ingredient {name: '牛里脊肉'})

SET i.english\_name = ['beef tenderloin', 'beef','meat']

MATCH (i:Ingredient {name: '牛肉'})

SET i.english\_name = ['beef', 'meat']

MATCH (i:Ingredient {name: '番茄'})

SET i.english\_name = 'tomato'

MATCH (i:Ingredient {name: '蒜苗'})

SET i.english\_name = 'garlic sprout'

MATCH (i:Ingredient {name: '羊肉'})

SET i.english\_name = ['mutton', 'meat']

MATCH (i:Ingredient {name: '香菇'})

SET i.english\_name = ['mushroom', 'shiitake mushroom']

MATCH (i:Ingredient {name: '玉米'})

SET i.english\_name = 'corn'

MATCH (i:Ingredient {name: '荸荠'})

SET i.english\_name = 'water chestnut'

// 创建菜谱节点

MERGE (:Recipe {name: '苹果派'})

// 创建材料节点并添加属性

MERGE (i1:Ingredient {name: '苹果'}) ON CREATE SET i1.quantity = '2 个'

MERGE (i2:Ingredient {name: '鸡蛋'}) ON CREATE SET i2.quantity = '1 个'

// 创建调料节点并添加属性

MERGE (s1:Seasoning {name: '淀粉'}) ON CREATE SET s1.quantity = '1 汤勺'

MERGE (s2:Seasoning {name: '面粉'}) ON CREATE SET s2.quantity = '150 g'

MERGE (s3:Seasoning {name: '黄油'}) ON CREATE SET s3.quantity = '50 g'

MERGE (s4:Seasoning {name: '白糖'}) ON CREATE SET s4.quantity = '1 小勺'

// 创建步骤节点并添加属性

MERGE (step1:Step {description: '融化40克黄油，加入面粉鸡蛋和一半的糖，和面成团放冰箱冷藏20分钟。'})

MERGE (step2:Step {description: '苹果切丁，放入炒锅融化10克黄油炒干水分，加入另一半的糖，5克淀粉用水化开倒进去勾芡，关火放凉备用。'})

MERGE (step3:Step {description: '面团拿出来分成两半，一份擀成饼放在盘底，用叉子压出网眼，铺上苹果馅，另一半酥皮擀成椭圆形，切成一厘米的长条，编成网格铺在盘子上，刷上蛋黄液。'})

MERGE (step4:Step {description: '烤箱上下火，预热190度烤15分钟，再次刷蛋黄液转170度烤20分钟即可。'})

// 创建关系

MATCH (r:Recipe {name: '苹果派'})

MATCH (i:Ingredient), (s:Seasoning)

WHERE i.name IN ['苹果', '鸡蛋']

AND s.name IN ['淀粉', '面粉', '黄油', '白糖']

MERGE (r)-[:INCLUDES]->(i)

MERGE (r)-[:INCLUDES]->(s)

WITH r

MATCH (r)-[:INCLUDES]->(i), (r)-[:INCLUDES]->(s)

WHERE i.name IN ['苹果', '鸡蛋']

AND s.name IN ['淀粉', '面粉', '黄油', '白糖']

WITH r, COLLECT(i) AS ingredients, COLLECT(s) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['融化40克黄油，加入面粉鸡蛋和一半的糖，和面成团放冰箱冷藏20分钟。', '苹果切丁，放入炒锅融化10克黄油炒干水分，加入另一半的糖，5克淀粉用水化开倒进去勾芡，关火放凉备用。', '面团拿出来分成两半，一份擀成饼放在盘底，用叉子压出网眼，铺上苹果馅，另一半酥皮擀成椭圆形，切成一厘米的长条，编成网格铺在盘子上，刷上蛋黄液。', '烤箱上下火，预热190度烤15分钟，再次刷蛋黄液转170度烤20分钟即可。']

WITH r, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (r)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (r)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (r)-[:HAS\_STEP]->(step))

MATCH (i:Ingredient {name: '苹果'})

SET i.english\_name = 'apple'

MATCH (i:Ingredient {name: '鸡蛋'})

SET i.english\_name = 'egg'

// 创建菜谱节点

MERGE (:Recipe {name: '水果捞'})

// 创建材料节点并添加属性

MERGE (i1:Ingredient {name: '苹果'}) ON CREATE SET i1.quantity = '2 个'

MERGE (i2:Ingredient {name: '香蕉'}) ON CREATE SET i2.quantity = '2 根'

MERGE (i3:Ingredient {name: '橙子'}) ON CREATE SET i3.quantity = '2 个'

// 创建调料节点并添加属性

MERGE (s1:Seasoning {name: '白糖'}) ON CREATE SET s1.quantity = '1 汤勺'

MERGE (s2:Seasoning {name: '蜂蜜'}) ON CREATE SET s2.quantity = '适量'

MERGE (s3:Seasoning {name: '椰浆'}) ON CREATE SET s3.quantity = '适量'

// 创建步骤节点并添加属性

MERGE (step1:Step {description: '将各种水果洗净、去皮、去核，切成适当大小的块状。'})

MERGE (step2:Step {description: '将切好的水果放入容器中。'})

MERGE (step3:Step {description: '按照个人口味加入适量的糖和炼乳，轻轻拌匀即可。'})

// 创建关系

MATCH (r:Recipe {name: '水果捞'})

MATCH (i:Ingredient), (s:Seasoning)

WHERE i.name IN ['苹果', '香蕉', '橙子']

AND s.name IN ['白糖', '蜂蜜', '椰浆']

MERGE (r)-[:INCLUDES]->(i)

MERGE (r)-[:INCLUDES]->(s)

WITH r

MATCH (r)-[:INCLUDES]->(i), (r)-[:INCLUDES]->(s)

WHERE i.name IN ['苹果', '香蕉', '橙子']

AND s.name IN ['白糖', '蜂蜜', '椰浆']

WITH r, COLLECT(i) AS ingredients, COLLECT(s) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['将各种水果洗净、去皮、去核，切成适当大小的块状。', '将切好的水果放入容器中。', '按照个人口味加入适量的糖和炼乳，轻轻拌匀即可。']

WITH r, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (r)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (r)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (r)-[:HAS\_STEP]->(step))

// 创建菜谱节点

MERGE (:Recipe {name: '拔丝香蕉'})

// 创建材料节点并添加属性

MERGE (i1:Ingredient {name: '香蕉'}) ON CREATE SET i1.quantity = '4 根'

// 创建调料节点并添加属性

MERGE (s1:Seasoning {name: '红糖'}) ON CREATE SET s1.quantity = '1 汤勺'

MERGE (s2:Seasoning {name: '白砂糖'}) ON CREATE SET s2.quantity = '适量'

MERGE (s3:Seasoning {name: '油'}) ON CREATE SET s3.quantity = '适量'

// 创建步骤节点并添加属性

MERGE (step1:Step {description: '将香蕉去皮，切段备用。'})

MERGE (step2:Step {description: '热锅冷油，倒入清水，将红糖，白砂糖放入锅中搅拌至溶解。'})

MERGE (step3:Step {description: '放入香蕉，用小火慢慢炖煮，直至香蕉变软。'})

MERGE (step4:Step {description: '捞出香蕉，沥干水分。'})

MERGE (step5:Step {description: '热锅热油，将香蕉放入炸至表面微黄即可。'})

MERGE (step6:Step {description: '最后将炸好的香蕉放入浇在红糖白糖溶液中，将香蕉均匀裹上糖浆即可。'})

// 创建关系

MATCH (r:Recipe {name: '拔丝香蕉'})

MATCH (i:Ingredient), (s:Seasoning)

WHERE i.name IN ['香蕉']

AND s.name IN ['红糖', '白砂糖', '油']

MERGE (r)-[:INCLUDES]->(i)

MERGE (r)-[:INCLUDES]->(s)

WITH r

MATCH (r)-[:INCLUDES]->(i), (r)-[:INCLUDES]->(s)

WHERE i.name IN ['香蕉']

AND s.name IN ['红糖', '白砂糖', '油']

WITH r, COLLECT(i) AS ingredients, COLLECT(s) AS seasonings

MATCH (step:Step)

WHERE step.description IN ['将香蕉去皮，切段备用。', '热锅冷油，倒入清水，将红糖，白砂糖放入锅中搅拌至溶解。', '放入香蕉，用小火慢慢炖煮，直至香蕉变软。', '捞出香蕉，沥干水分。', '热锅热油，将香蕉放入炸至表面微黄即可。', '最后将炸好的香蕉放入浇在红糖白糖溶液中，将香蕉均匀裹上糖浆即可。']

WITH r, ingredients, seasonings, COLLECT(step) AS steps

FOREACH (ingredient IN ingredients | MERGE (r)-[:INCLUDES]->(ingredient))

FOREACH (seasoning IN seasonings | MERGE (r)-[:INCLUDES]->(seasoning))

FOREACH (step IN steps | MERGE (r)-[:HAS\_STEP]->(step))

CREATE(n:DISEASE {name:'糖尿病'})

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '糖尿病' AND b.name = '拔丝香蕉'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '糖尿病' AND b.name = '油焖虾'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '糖尿病' AND b.name = '番茄炒菜花'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '糖尿病' AND b.name = '辣炒圆白菜'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '糖尿病' AND b.name = '洋葱炒牛肉'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '糖尿病' AND b.name = '蚝油生菜'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '糖尿病' AND b.name = '干煸豆'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '糖尿病' AND b.name = '黄瓜炒肉片'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '糖尿病' AND b.name = '清笋炒鸡片'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

CREATE(n:DISEASE {name:'高血压'})

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '高血压' AND b.name = '三色鸡丝'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '高血压' AND b.name = '酱爆鸡丁'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '高血压' AND b.name = '干煸豆'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '高血压' AND b.name = '油焖虾'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '高血压' AND b.name = '辣炒圆白菜'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '高血压' AND b.name = '虾皮炒菠菜'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

CREATE(n:DISEASE {name:'肥胖'})

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '肥胖' AND b.name = '油焖虾'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '肥胖' AND b.name = '拔丝香蕉'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

MATCH (a:DISEASE),(b:Recipe)

WHERE a.name = '肥胖' AND b.name = '苹果派'

CREATE (b)-[r:CANTEAT] -> (a)

RETURN r

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/水果捞.png', name: '水果捞'})

RETURN p

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/三色鸡丝.png', name: '三色鸡丝'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/鸡粒玉米.png', name: '鸡粒玉米'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/油焖虾.png', name: '油焖虾'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/小炒肉丝.png', name: '小炒肉丝'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/虾皮炒菠菜.png', name: '虾皮炒菠菜'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/番茄炒菜花.png', name: '番茄炒菜花'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/辣炒圆白菜.png', name: '辣炒圆白菜'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/黑椒牛柳.png', name: '黑椒牛柳'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/洋葱炒牛肉.png', name: '洋葱炒牛肉'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/蚝油生菜.png', name: '蚝油生菜'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/香辣牛肉丝.png', name: '香辣牛肉丝'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/葱爆羊肉.png', name: '葱爆羊肉'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/烧萝卜.png', name: '烧萝卜'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/酱爆鸡丁.png', name: '酱爆鸡丁'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/银牙炒肉丝.png', name: '银牙炒肉丝'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/白菜片炒肉丝.png', name: '白菜片炒肉丝'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/蚂蚁上树.png', name: '蚂蚁上树'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/西柠炒鸡片.png', name: '西柠炒鸡片'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/肉末烧.png', name: '肉末烧'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/干煸豆.png', name: '干煸豆'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/黄瓜炒肉片.png', name: '黄瓜炒肉片'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/清笋炒鸡片.png', name: '清笋炒鸡片'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/苹果派.png', name: '苹果派'})

RETURN p;

CREATE (p:Photo {path: 'D:/neo4j/neo4j-community-3.5.7/pictures/拔丝香蕉.png', name: '拔丝香蕉'})

RETURN p;