Final Exam

Final: Question 6

Problem:

Consider the following **people** collection:

```
db.people.find().limit(5)
{ "_id" : 0, "name" : "Iva Estrada", "age" : 95, "state" : "WA",
"phone" : "(739) 557-2576", "ssn" : "901-34-4492" }
{ "_id" : 1, "name" : "Roger Walton", "age" : 92, "state" :
"ID", "phone" : "(948) 527-2370", "ssn" : "498-61-9106" }
{ "_id" : 2, "name" : "Isaiah Norton", "age" : 26, "state" :
"FL", "phone" : "(344) 479-5646", "ssn" : "052-49-6049" }
{ "_id" : 3, "name" : "Tillie Salazar", "age" : 88, "state" :
"ND", "phone" : "(216) 414-5981", "ssn" : "708-26-3486" }
{ "_id" : 4, "name" : "Cecelia Wells", "age" : 16, "state" :
"SD", "phone" : "(669) 809-9128", "ssn" : "977-00-7372" }
```

And the corresponding **people_contacts** view:

```
db.people_contacts.find().limit(5)
{ "_id" : 6585, "name" : "Aaron Alvarado", "phone" : "
(631)*********", "ssn" : "********8014" }
{ "_id" : 8510, "name" : "Aaron Barnes", "phone" : "
(944)*********", "ssn" : "********6820" }
{ "_id" : 6441, "name" : "Aaron Barton", "phone" : "
(234)*********", "ssn" : "********1937" }
{ "_id" : 8180, "name" : "Aaron Coleman", "phone" : "
(431)*********", "ssn" : "********7559" }
```

```
{ "_id" : 9738, "name" : "Aaron Fernandez", "phone" : "
(578)*********", "ssn" : "*******0211" }
```

Which of the of the following commands generates this **people_contacts** view?

Attempts Remaining: Correct Answer ✓ ◯ ◯

Choose the best answer:

◯
```
var pipeline = [
  {
    "$sort": {"state": 1}
  },
  {
    "$project": {"name":1,
    "phone": {
      "$concat": [
        {"$arrayElemAt": [{"$split": ["$phone", " "]},
0]} ,
        "*********"  ]
      },
    "ssn": {
      "$concat": [
        "********",
        {"$arrayElemAt": [{"$split": ["$ssn", "-"]}, 2]}
      ]
    }
  }
}
];
db.runCommand({
  "create": "people",
  "viewOn":"people",
  "pipeline": pipeline})
```

◯
```
var pipeline = [
  {
    "$sort": {"name": 1}
  },
  {
    "$project": {"name":1,
```

```
      "phone": {
        "$concat": [
          {"$arrayElemAt": [{"$split": ["$phone", " "]},
0]} ,
          "********"  ]
        },
      "ssn": {
        "$concat": [
          "********",
          {"$arrayElemAt": [{"$split": ["$ssn", "-"]}, 2]}
        ]
      }
    }
  }
];
db.createView("people", "people_contacts" pipeline);
```

```
var pipeline = [
  {
    "$project": {"name":1,
    "phone": {
      "$concat": [
        {"$arrayElemAt": [{"$split": ["$phone", " "]},
0]} ,
        "********"  ]
      },
    "ssn": {
      "$concat": [
        "********",
        {"$arrayElemAt": [{"$split": ["$ssn", "-"]}, 2]}
      ]
    }
  }
}
];
db.runCommand({
  "create": "people_contacts",
  "viewOn":"people",
  "pipeline": pipeline})
```

```
var pipeline = [
  {
    "$sort": {"name": 1}
  },
  {
    "$project": {"name":1,
    "phone": {
      "$concat": [
        {"$arrayElemAt": [{"$split": ["$phone", " "]},
0]} ,
        "********"  ]
      },
    "ssn": {
      "$concat": [
        "*******",
        {"$arrayElemAt": [{"$split": ["$ssn", "-"]}, 2]}
      ]
    }
  }
}
];
db.createView("people_contacts", "people", pipeline);
```

Correct!   See detailed answer

Proceed to next section

Assignment is Due

13d:05hr:05m
Dec 17, 17:00 UTC

Your Grade

PASS/FAIL
Submitted