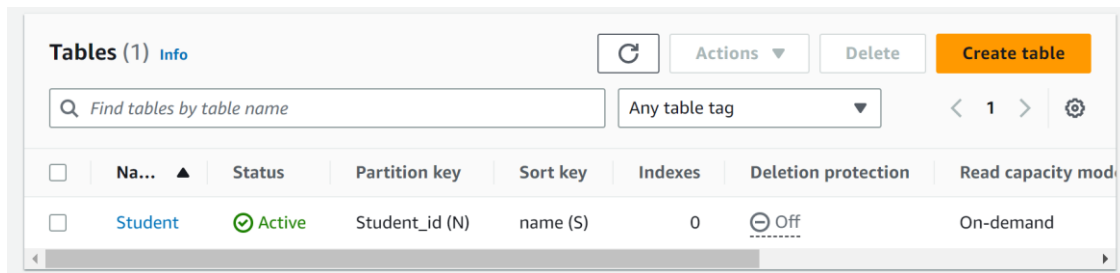


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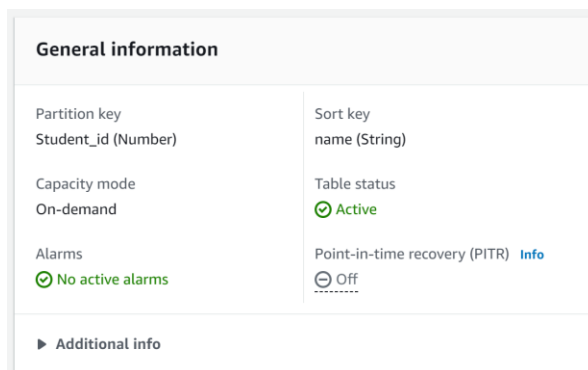
Question: create student table using DynamoDB and write schema for it

table is created using DynamoDB



The screenshot shows the AWS DynamoDB console interface. At the top, there's a 'Tables (1)' header with an 'Info' link, a refresh button, and buttons for 'Actions', 'Delete', and 'Create table'. Below this is a search bar labeled 'Find tables by table name' and a dropdown for 'Any table tag'. A table lists the details of the 'Student' table. The table has columns for Name, Status, Partition key, Sort key, Indexes, Deletion protection, and Read capacity mode. The 'Student' table is listed with a status of 'Active', a partition key of 'Student\_id (N)', a sort key of 'name (S)', 0 indexes, deletion protection turned 'Off', and an 'On-demand' read capacity mode.

	Na...	Status	Partition key	Sort key	Indexes	Deletion protection	Read capacity mode
<input type="checkbox"/>	Student	Active	Student_id (N)	name (S)	0	Off	On-demand



The screenshot shows the 'General information' tab for the 'Student' table. It displays the following details:

General information	
Partition key Student_id (Number)	Sort key name (String)
Capacity mode On-demand	Table status Active
Alarms No active alarms	Point-in-time recovery (PITR) Info Off

At the bottom, there is a link for 'Additional info'.

The schema for the table



The screenshot shows the JSON schema definition for the 'Student' table, displayed in a dark-themed code editor. The schema defines the table name, attribute definitions for 'student\_id' (Number) and 'name' (String), and a key schema with 'student\_id' as the primary key using a HASH key type.

```
{
  "TableName": "Student",
  "AttributeDefinitions": [
    {
      "AttributeName": "student_id",
      "AttributeType": "N"
    },
    {
      "AttributeName": "name",
      "AttributeType": "S"
    }
  ],
  "KeySchema": [
    {
      "AttributeName": "student_id",
      "KeyType": "HASH"
    }
  ]
}
```