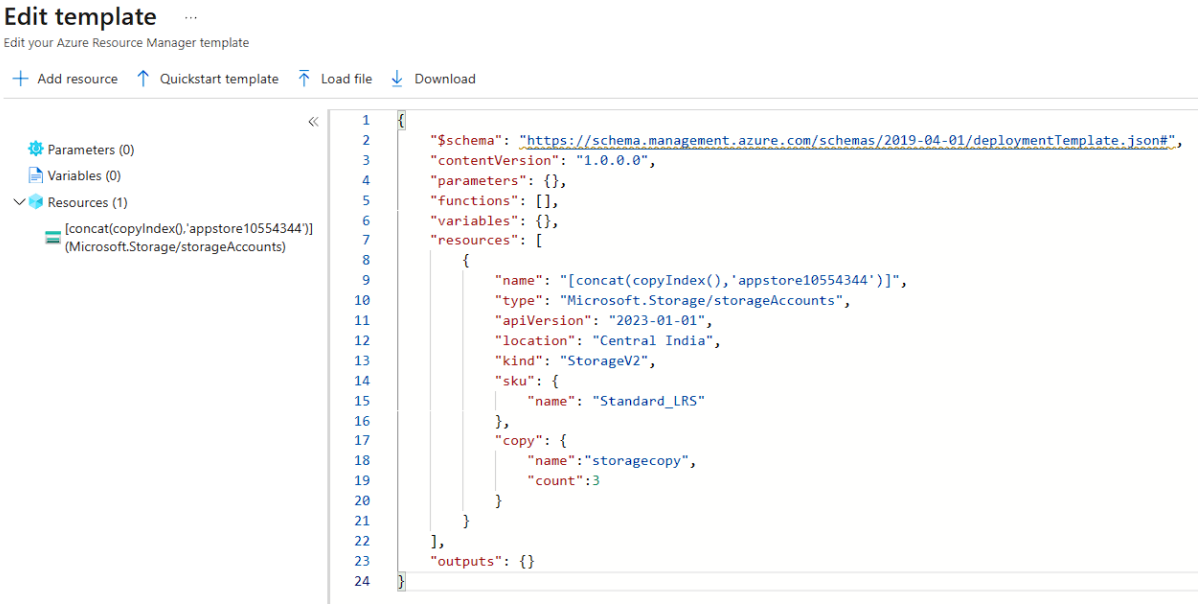
😊 Creating Multiple copies of a resource

In this exercise, we're demonstrating how to use Azure Resource Manager (ARM) templates to deploy multiple instances of a resource—in this case, storage accounts—using a single template definition. The end goal is to automate and streamline the deployment process, ensuring consistency and efficiency across multiple deployments. By creating a template that specifies the desired configuration and using the copy element to define the number of instances, we can easily deploy multiple resources with minimal manual effort. This approach enhances scalability, reduces the risk of errors, and improves resource management in Azure environments.

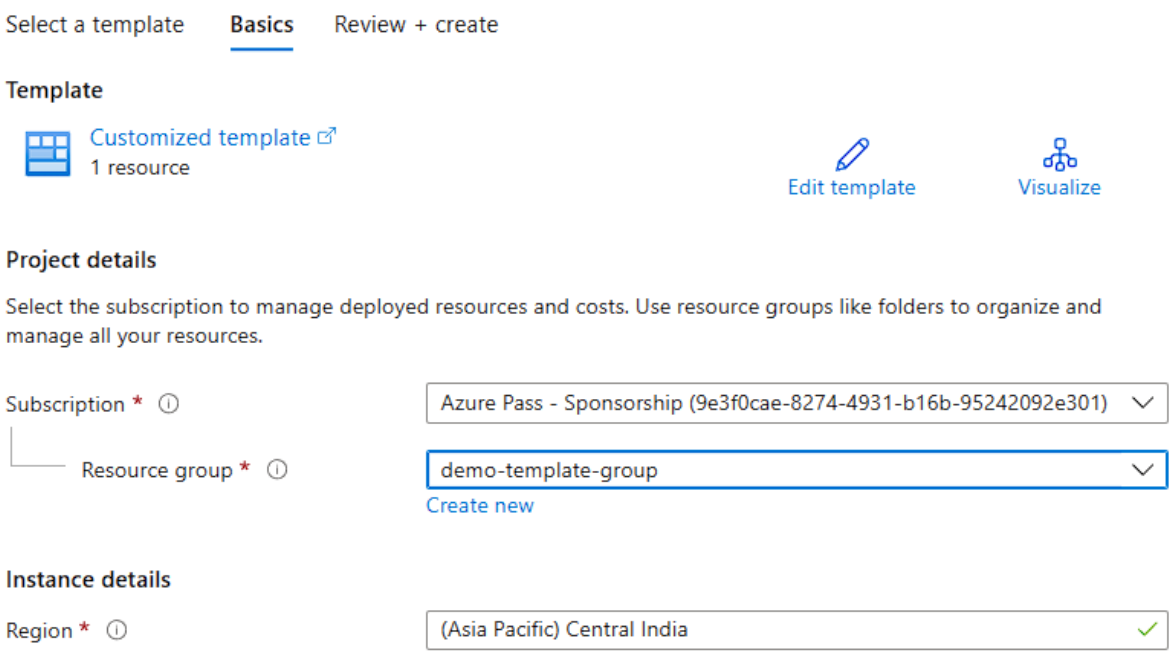
1. Now in your VS Code create a new file and then paste the same code which you have used in your previous template.
2. This time we are going to create multiple storage accounts.
3. Below you can see that we have added concatenation so that there will be no issues regarding unique names while creating storage accounts.
4. With that we have added a copy statement with count 3 which means that the total number of storage accounts created will be 3.

```
{
    "name": "[concat(copyIndex(),'appstore10554344')]",
    "type": "Microsoft.Storage/storageAccounts",
    "apiVersion": "2023-01-01",
    "location": "Central India",
    "kind": "StorageV2",
    "sku": {
        "name": "Standard_LRS"
    },
    "copy": {
        "name":"storagecopy",
        "count":3
    }
```

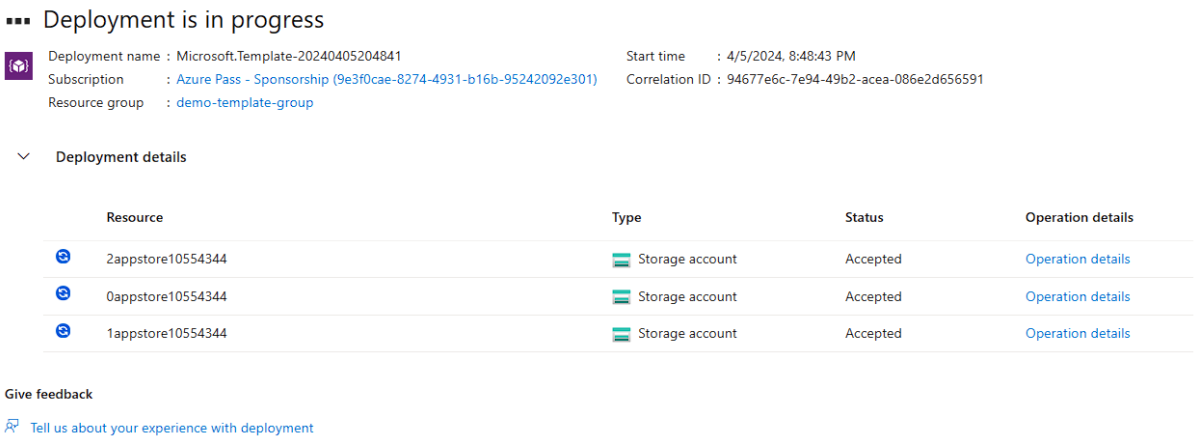
5. Now in your Azure portal again navigate to template deployment and follow the same steps as before.
6. Go to template deployment then click on create after that click on build your own template.
7. Now paste your code here and click on save. Below you can see that it is showing that storage account will be created.



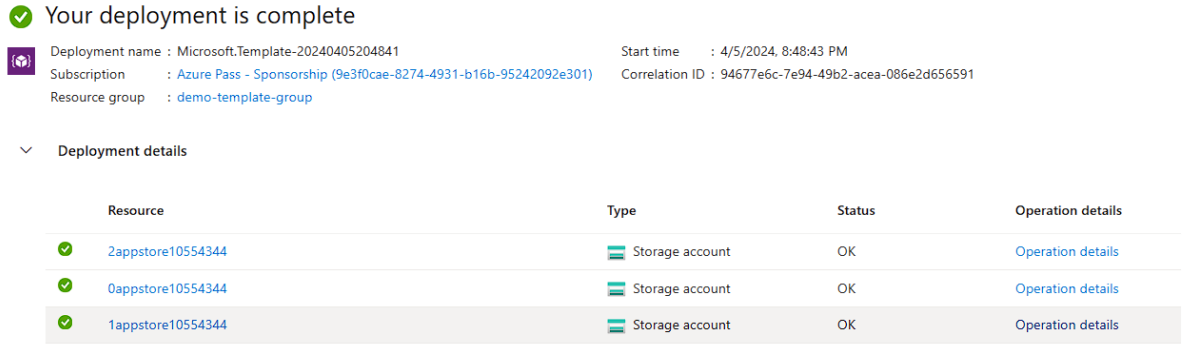
8. Now select your resource group and move to review page then create your template.



9. Here also you can see that your 3 storage accounts are being deployed.



10. Below you can see that your 3 storage accounts are created successfully.



11. Now if you will go to your storage accounts or to your resource group. You can see the storage accounts in place.