

You are given array of products, pricing and categories , write an optimized nodejs program to return the expected result.

Products Array	Pricing Array
<pre>[{ "id":1, "sku":"abc", "productName":"name 1", "category":1 }, { "id":2, "sku":"def", "productName":"name 2", "category":2 }, { "id":3, "sku":"ghi", "productName":"name 1", "category":2 }, { "id":4, "sku":"klm", "productName":"name 1", "category":3 }, { "id":5, "sku":"xyz", "productName":"name 1", "category":1 }]</pre>	<pre>[{ "sku":"abc", "price":10, }, { "sku":"def", "price":20, }, { "sku":"ghi", "price":30, }, { "sku":"klm", "price":40, }, { "sku":"xyz", "price":50, }]</pre>

Categories Array

```
[
  {
    "id":1,
    "name":"category 1"
  },
  {
    "id":2,
    "name":"category 2"
  },
  {
    "id":3,
    "name":"category 3"
  },
  {
    "id":4,
    "name":"category 4"
  },
  {
    "id":5,
    "name":"category 5"
  }
]
```

Expected : Return array of products containing product and their pricing as

```
[
  {
    "id":1,
    "sku":"abc",
    "productName":"name 1",
    "category":1,
    "price":10
  },
  {
    "id":2,
    "sku":"def",
    "productName":"name 2",
    "category":2,
    "price":20
  },
  {
    "id":3,
    "sku":"ghi",
    "productName":"name 1",
    "category":2,
    "price":30
  },
  {
    "id":4,
    "sku":"klm",
    "productName":"name 1",
    "category":3,
    "price":40
  },
  {
    "id":5,
    "sku":"xyz",
    "productName":"name 1",
    "category":1,
    "price":50
  }
]
```