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In [1]: class myarray:
        def __init__(self):
            self.length=0
            self.data={}

        def __str__(self):
            return str(self.__dict__)

        def get(self, index):
            return self.data[index]

        def push(self, item):
            self.data[self.length]= item
            self.length+=1
            return self.data

        def pop(self):
            lastitem = self.data[self.length-1]
            del self.data[self.length-1]
            self.length-=1
            return lastitem

        def delete(self, index):
            deleteditem= self.data[index]
            for i in range(index, self.length-1):
                self.data[i]=self.data[i+1]

            del self.data[self.length-1]
            self.length-=1
            return deleteditem

arr=myarray()
arr.push(1)
arr.push(2)
arr.push(3)
arr.push(4)
arr.pop()
arr.get(1)
arr.delete(2)
print(arr)
```

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{'length': 2, 'data': {0: 1, 1: 2}}
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In [ ]:
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