

```
const express = require('express');
```

```
const app = express();
```

```
const PORT = 3000;
```

```
app.use(express.json());
```

```
let cards = [
```

```
  { id: 1, suit: "Hearts", value: "Ace" },
```

```
  { id: 2, suit: "Spades", value: "King" },
```

```
  { id: 3, suit: "Diamonds", value: "Queen" }]
```

```
];
```

```
let nextId = 4;
```

```
app.get('/cards', (req, res) => {
```

```
  res.status(200).json(cards);
```

```
});
```

```
app.get('/cards/:id', (req, res) => {
```

```
  const cardId = parseInt(req.params.id);
```

```
  const card = cards.find(c => c.id === cardId);
```

```
  if (!card) {
```

```
    return res.status(404).json({ message: `Card with ID ${cardId} not found` });
```

```
  }
```

```
    res.status(200).json(card);  
  });
```

```
app.post('/cards', (req, res) => {  
  const { suit, value } = req.body;  
  if (!suit || !value) {  
    return res.status(400).json({ message: 'Suit and value are required' });  
  }
```

```
  const newCard = { id: nextId++, suit, value };  
  cards.push(newCard);  
  res.status(201).json(newCard);  
});
```

```
app.delete('/cards/:id', (req, res) => {  
  const cardId = parseInt(req.params.id);  
  const index = cards.findIndex(c => c.id === cardId);  
  if (index === -1) {  
    return res.status(404).json({ message: `Card with ID ${cardId} not found` });  
  }
```

```
  const removedCard = cards.splice(index, 1)[0];  
  res.status(200).json({  
    message: `Card with ID ${cardId} removed`,  
    card: removedCard  
  });
```

```
});
```

```
app.listen(PORT, () => {  
  console.log(`Server is running on http://localhost:${PORT}`);  
});
```

```
[  
  { "id": 1, "suit": "Hearts", "value": "Ace" },  
  { "id": 2, "suit": "Spades", "value": "King" },  
  { "id": 3, "suit": "Diamonds", "value": "Queen" }  
]
```

```
{ "id": 2, "suit": "Spades", "value": "King" }
```

```
POST http://localhost:3000/cards  
Content-Type: application/json
```

```
{  
  "suit": "Clubs",  
  "value": "Jack"  
}
```

```
{ "id": 4, "suit": "Clubs", "value": "Jack" }
```

```
{  
  "message": "Card with ID 1 removed",  
  "card": { "id": 1, "suit": "Hearts", "value": "Ace" }  
}
```

```
[  
  { "id": 2, "suit": "Spades", "value": "King" },  
  { "id": 3, "suit": "Diamonds", "value": "Queen" },  
  { "id": 4, "suit": "Clubs", "value": "Jack" }  
]
```