

Express js (Server.js):

```
const express = require('express');  
const app = express();  
app.use(express.json());
```

```
let cards = [  
  { id: 1, suit: 'Hearts', value: 'A' },  
  { id: 2, suit: 'Spades', value: '10' },  
  { id: 3, suit: 'Diamonds', value: 'K' }  
];
```

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

```
app.get('/cards/:id', (req, res) => {  
  const card = cards.find(c => c.id ===  
parseInt(req.params.id));  
  card ? res.json(card) : res.status(404).send('Card not found');  
});
```

```
app.post('/cards', (req, res) => {  
  const { suit, value } = req.body;  
  const newCard = { id: cards.length + 1, suit, value };  
  cards.push(newCard);  
  res.status(201).json(newCard);  
});
```

```
app.put('/cards/:id', (req, res) => {  
  const card = cards.find(c => c.id ===
```

```
parseInt(req.params.id));  
  if (!card) return res.status(404).send('Card not found');  
  const { suit, value } = req.body;  
  card.suit = suit;  
  card.value = value;  
  res.json(card);  
});
```

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

```
app.listen(3000, () => console.log('Server running on  
http://localhost:3000'));
```