ACT #53 Answer Sheet

index.js

```javascript
const ex = require("express");
const ps = require("./pet_store");

const app = ex();
const p = ps.pets;

app.use(ex.json());

app.get("/api/pets", (req, res) => {
  res.send(p);
});

app.get("/api/pets/:id", (req, res) => {
  let pet = false;
  for (let i = 0; i < p.length; i++) {
    if (p[i].id == Number(req.params.id)) {
      pet = p[i];
      break;
    }
  }

  if (pet) {
    res.send(pet);
    console.log(pet);
  } else {
    let err = "Pet not found!";
    res.status(404);
    res.send(err);
    console.error(err);
  }
});

app.get("/api/pets/list/species", (req, res) => {
  let species = [];
  for (let i = 0; i < p.length; i++) {
```

```js
      if (species.includes(p[i].species) == false) {
        species.push(p[i].species);
      }
    }

    res.send(species);
});

app.listen(3001);
console.log("Starting server...");
```

pet_store.js

```js
const pets = [
  {
    id: 0,
    species: "dog",
    eating_habit: "omnivore",
    pet_name: "Brownie",
  },
  {
    id: 1,
    species: "cat",
    eating_habit: "carnivore",
    pet_name: "Luna",
  },
  {
    id: 2,
    species: "cat",
    eating_habit: "carnivore",
    pet_name: "Sunny",
  },
  {
    id: 3,
    species: "parrot",
    eating_habit: "omnivore",
    pet_name: "Polly",
  },
  {
    id: 4,
    species: "goldfish",
```

```
    eating_habit: "omnivore",
    pet_name: "Goldy",
  },
];

module.exports = { pets };
```