

7.5 Demo Code

employee.js (while loop)

```
function runActivity() {  
    let employee_name;  
    let employee_dept_code;  
    let department;  
    let choice;  
    let i = 0;  
  
    while (i == 0) {  
        employee_name = prompt("What is the employee name?");  
        employee_dept_code = Number(  
            prompt("What is the employee's department code? 1-3")  
        );  
        console.log("Saving employee data...");  
        console.log("Welcome, " + employee_name);  
        switch (employee_dept_code) {  
            case 1:  
                department = "Human Resources";  
                break;  
            case 2:  
                department = "Marketing";  
                break;  
            case 3:  
                department = "IT";  
                break;  
        }  
  
        console.log("This employee is in the " + department + " department.");  
  
        choice = Number(  
            prompt("Would you like to add another employee? 0. Yes, 1. No")  
        );  
  
        if (choice == 0) {  
            console.log("Adding new employee...");  
        } else if (choice == 1) {
```

```
console.log("Stopping program.");
```

```
break;
```

```
}
```

```
console.log("This is the end of the program.");
```

```
}
```

student.js

```
function runActivity() {
```

```
  let s_name;
```

```
  let s_old_grade;
```

```
  let s_new_grade;
```

```
  for (let i = 0; i < 3; i++) {
```

```
    s_name = prompt("Give me the student's name:");
```

```
    s_old_grade = Number(prompt("Give me the student's current grade level:"));
```

```
    if (s_old_grade >= 1 && s_old_grade <= 12) {
```

```
      s_new_grade = s_old_grade + 1;
```

```
      console.log(s_name + " is now enrolled in CAE University.");
```

```
      console.log(
```

```
        "Old grade level: " + s_old_grade + "\nNew grade level: " + s_new_grade
```

```
      );
```

```
    }
```

```
  }
```

```
}
```