

Test Case #	Test Case Purpose	Input Data	Output Data
1	Determines the validity of setting hours worked of an Employee that was never added to the Employee list / when there are no employees in the database	Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: 100 Hourly Rate: 10 Button: Set Hours	Output: Employee database is empty.

For the following test cases, assume all the following employees are successfully added to the Company database

Name: John Apple **Department:** CS **Date Hired:** 3/12/2021 **Employment Type:** Full Time **Annual Salary:** 85000

Name: Johnson Joe **Department:** IT **Date Hired:** 3/12/2021 **Employment Type:** Full Time **Annual Salary:** 85000

Name: John Jacob **Department:** IT **Date Hired:** 3/12/2021 **Employment Type:** Part Time **Hours Worked:** 0 **Hourly Rate:** 10

Name: Sarah Brown **Department:** IT **Date Hired:** 3/12/2021 **Employment Type:** Part Time **Hours Worked:** 0 **Hourly Rate:** 10

Name: Brown Jacob **Department:** ECE **Date Hired:** 3/12/2021 **Employment Type:** Management **Annual Salary:** 85000 **Management Role:** Director

Name: Joe Doe **Department:** ECE **Date Hired:** 3/12/2021 **Employment Type:** Management **Annual Salary:** 85000 **Management Role:** Department Head

Test Case #	Test Case Purpose	Input Data	Output Data
2	Determines the validity of setting hours worked of an Employee that was never added to the Employee list	Name: Jonathan Jacob Department: IT Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: 100 Hourly Rate: 10 Button: Set Hours	Output: Employee does not exist.
3	Determines the validity of setting hours worked of an Employee that exists in the Employee list	Name: John Jacob Department: IT Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: 100 Hourly Rate: 10 Button: Set Hours	Output: Working hours set.
4	Determines the validity of setting hours worked of an Employee that exists in the Employee list	Name: John Jacob Department: IT Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: 80 Hourly Rate: 10 Button: Set Hours	Output: Working hours set.

5	Determines the validity of setting hours worked by entering an invalid amount of hours	Name: John Jacob Department: IT Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: 111 Hourly Rate: 10 Button: Set Hours	Output: Invalid Hours: over 100.
6	Determines the validity of setting hours worked by entering an invalid amount of hours	Name: John Jacob Department: IT Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: -5 Hourly Rate: 10 Button: Set Hours	Output: Working hours cannot be negative.
7	Determines whether all fields have been entered correctly. (The Hours Worked field is empty)	Name: John Jacob Department: IT Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: Hourly Rate: 10 Button: Set Hours	Output: Please enter all information correctly.