**Lab:** Lab 1

**Registration number:** 1604361

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| **Problem statement(s)**  This lab has two parts: the first part has students make an abstract class shape and then make other classes (circle rectangle and red rectangle) that inherit characteristics from the shape class. The other task is similar, except it has to do with employees of an organization. |

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| **Program description(s)**  Task 1: create an abstract class shape, create class circle and rectangle, than make a class red rectangle that inherits from rectangle.  Task 2: create an abstract class employee, create development, managers and sales that inherit from employee. |

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| **Test description**  Task 1:  Test 1: Does the code compile.  Result 1: Yes  Test 2: Does the code print all the shapes?  Result 2: Yes  Task 2:  Test 1: Does the code compile.  Result 1: Yes  Test 2: Does the code print all the employees?  Result 2: Yes |
| **Known bugs**  None |
| **Possible improvements**  None |
| **Comments**  Similar tasks but with different objects. Easy lab |
| **Extra credit**  None |
| **References**   1. Stackoverflow.com |