

Abstract class example with Java

Exercise 1:

Try this code with your compiler; create your own abstract class, which inherit the method(s) from existing classes. Call those methods from the class that you create by creating an object.

```
package Pack2;
public abstract class A {
    void print() {
        System.out.println("Class abstract A method print");
    }
}
```

```
package Pack2;
public class B extends A {
    void printB() {
        System.out.println("Class B method print");
    }
}
```

```
package Pack2;
public abstract class CB extends B{
    void printCB() {
        System.out.println("Class abs CB method print");
    }
}
```

```
package Pack2;
public class CD extends CB{
}
```

```
package Pack2;
public class Testing {
    public static void main(String[] args) {
        //A objA = new A(); //can't instantiate abstract class
        B objB = new B();
        objB.print();
        CD objC = new CD();
        objC.printCB();
        objC.print();
    }
}
```

```
Class abstract A method print
Class abs CB method print
Class abstract A method print
```

Exercise 2:

Create the class diagram for the exercise 1 (with your modifications) using the class diagram template provided. Upload your document and the compressed java folder with the solution before the end of the class.

Thank you.