Aashish Shrestha

Unit #1.2
11) Write a program to demonstrate polymorphism using non-abstract class as parent.
Program :
This program consists of two java classes PolymorphismNonAbstractClass and PolymorphismOperations.
The code on file PolymorphismOperations is :

```
/*
 * To change this license header, choose License Headers in Project
Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package polymorphismnonabstractclass;

/**
 *
 * @author aashish
 */
public class PolymorphismOperations {

    public void show() {
        System.out.println("I have nothing to show");
    }

    public void show(int a) {
        System.out.println("I have got a integer to show " + a);
    }

    public void show(float a) {
        System.out.println("I have got a float value to show " + a);
    }

}
```

And the code on another file is :

```
/*
 * To change this license header, choose License Headers in Project
Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package polymorphismnonabstractclass;

/**
 *
 * @author aashish
 */
public class PolymorphismNonAbstractClass extends PolymorphismOperations
{

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        PolymorphismNonAbstractClass Object = new
PolymorphismNonAbstractClass();
        Object.show();
```

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```
        Object.show((float) 1.22);
        Object.show((int) 123);
    }

}
```

Output :

```
run:
I have nothing to show
I have got a float value to show 1.22
I have got a integer to show 123
BUILD SUCCESSFUL (total time: 0 seconds)
```