

Aashish Shrestha

## Unit #1.2

12) Write a program to demonstrate polymorphism using abstract class as parent.

### Program :

```
/*
 * 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 polymorphismwithabstractclass;

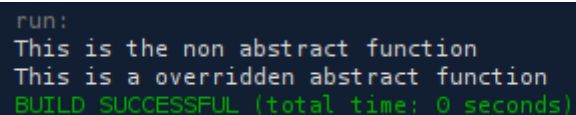
/**
 *
 * @author aashish
 */
abstract class Displayer{
    public void disp(){
        System.out.println("This is the non abstract function");
    }
    abstract public void disp2();
}

public class PolymorphismWithAbstractClass extends Displayer{

    @Override
    public void disp2(){
        System.out.println("This is a overridden abstract function");
    }

    public static void main(String[] args) {
        PolymorphismWithAbstractClass Object = new
PolymorphismWithAbstractClass();
        Object.disp();
        Object.disp2();
    }
}
```

### Output :



```
run:
This is the non abstract function
This is a overridden abstract function
BUILD SUCCESSFUL (total time: 0 seconds)
```