



CHRIST
(DEEMED TO BE UNIVERSITY)
DELHI - NCR, INDIA

Java Programming

MCA-272

Assignment – 05

BY

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SUBMITTED TO

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```

// Abstract class
abstract class Animal {
    abstract void makeSound();
}

// Subclass Dog
class Dog extends Animal {
    // Implementing the abstract method
    void makeSound() {
        System.out.println("Woof!");
    }
}

// Subclass Cat
class Cat extends Animal {
    // Implementing the abstract method
    void makeSound() {
        System.out.println("Meow!");
    }
}

// Main class
public class AbstractMain {
    public static void main(String[] args) {
        Animal myDog = new Dog(); // Create a Dog object
        Animal myCat = new Cat(); // Create a Cat object

        myDog.makeSound();
        myCat.makeSound();
    }
}

```

OUTPUT : --

```

PS D:\2MCA\JAVA> & 'C:\Program Files\Java\jdk-9.0.4\bin\java.exe' -Xmx1024m -Xms128m -Djava.class.path=. -DworkspaceStorage\3ef78b49fe59a0d
Woof!
Meow!
PS D:\2MCA\JAVA>

```