

EXPERIMENT 7

Code:

1.SUPER

code:

```
class Animal {
String name = "Generic Animal";
Animal() {
System.out.println("Animal Constructor");
}
void sound() {
System.out.println("Animal makes a sound");
}
}
class Dog extends Animal {
String name = "Dog";
Dog() {
super();
System.out.println("Dog Constructor");
}
void sound() {
super.sound();
System.out.println("Dog barks");
System.out.println("Animal name using super: " + super.name);
System.out.println("Dog name: " + name);
}
}
```

```

public class Man {
    public static void main(String[] args) {
        Dog dog = new Dog();
        dog.sound();
    }
}

```

OUTPUT:

```

C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 7>javac Man.java
C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 7>java Man.java
Animal Constructor
Dog Constructor
Animal makes a sound
Dog barks
Animal name using super: Generic Animal
Dog name: Dog

```

2.FINAL

code:

```

public class Main {
    final int x = 10;
    public static void main(String[] args) {
        Main myObj = new Main();
        System.out.println(myObj.x);
    }
}

```

OUTPUT:

```

C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 7>javac Main.java
C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 7>java Main.java
10
C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 7>

```