Day-2 Codes snippet

Guess the output of following codes

Q-1

```
class Parent{
        int x;
        int y;
        void display(){
                System.out.println("X: "+x+" y: "+y);
        }
}
class Child extends Parent{
        Child(int x,int y){
                x=x;
                y=y;
        }
}
class First{
        First(){
                System.out.println("In First");
        }
        public static void main(String[]args){
                Child obj=new Child(67,99);
                obj.display();
        }
}
```

Q-2

```
class Parent{
        int x;
        int y;
        void display(){
                System.out.println("X: "+x+" y: "+y);
        }
```

```
}
class Child extends Parent{
    Child(int x,int y){
                this();
        super.display();
    }
        Child(){
                this.x=x;
                this.y=y;
        }
}
class Second{
    public static void main(String[]args){
        Child obj=new Child(67,99);
    }
}
```

Q3
```
class Parent{
    int x;
    int y;
    void display(){
        System.out.println("X: "+x+" y: "+y);
    }
}
class Child extends Parent{
    Child(int x,int y){
        this.x=x;
        this.y=y;
    }
        void show(){
                super.display();
                System.out.println(x+y);
        }
```

```java
}
class Third{
    public static void main(String[]args){
        Parent obj=new Child(67,99);
        obj.show();
    }
}
```

Q.4

```java
class Parent{
    int x;
        Parent(){
        }
        Parent(int k){
                this.x=k;
        }
}
class Child extends Parent{
        int y;
    Child(int p,int w){
                super(w);
                this.x=p;
                this.y=p;
        }
        void display(){
        System.out.println("X: "+x+" y: "+y);
    }
}
class Fourth{
    public static void main(String[]args){
        Child obj=new Child(67,99);
        obj.display();
    }
}
```

-Rahul Nikale(Team 16)