

```

/**
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 * Due Date : Oct 15 2019
 * Seminar number : 2
 *
 * Program Description: This programs main function is to be the child class to Plant,
 *                      and this program creates Flower objects
 *
 */
class Flower extends Plant
{
    private String colour;

    public static void main(String[] args)
    {

    }

    public Flower()
    {
        super();
        colour = "Undecalred colour";
    }

    public Flower(String name, int lifespan, String colour)
    {
        super(name, lifespan);
        this.colour = colour;
    }

    public String getColour()
    {
        return colour;
    }

    public void setColour(String colour)
    {
        this.colour = colour;
    }

    @Override
    public void plantUsage()
    {

    }

    @Override
    public void botanicalName()
    {

```

```
}
```

```
@Override
```

```
public boolean equals(Object f)
```

```
{
```

```
    super.equals(f);
```

```
    Flower flower = (Flower)f;
```

```
    return this.getColour().equals(flower.getColour());
```

```
}
```

```
@Override
```

```
public String toString()
```

```
{
```

```
    return String.format(super.toString() + " " + colour);
```

```
}
```

```
}
```