

Name - Himanshu Pal

U. Roll No - 1922025

Course - Bsc IT 4th sem

Subject - TBI- 401.

Roll No - 25

Q2.

```
import java.util.*;  
abstract class Calculator  
{
```

```
    Calculator (int num1, int num2)  
    {  
        System.out.println ("Calculator");  
    }
```

```
    abstract void powerInt (int n1, int n2);  
    abstract void divInt (int n1, int n2);  
}
```

```
abstract class CalPower extends Calculator  
{
```

```
    CalPower (int n1, int n2)
```

```
    {  
        super (2);  
        super (4);  
    }
```

```
    void powerInt (int n1, int n2)  
    {
```

```
        for (int i = n1; i <= n2; i++)  
            i = i * i;  
    }
```

```
}
```

```
}
```

Himanshu
1/2


```

abstract class calDiv extends Calculator {
    calDiv(int n1, int n2) {
        super(2);
        super(4);
    }
    void divInt(int n1, int n2) {
        if (n1 > n2)
            System.out.println("Division" + n1/n2);
        else
            System.out.println("Division" + n2/n1);
    }
}

class Test {
    public static void main(String[] args) {
        CalPower obj = new CalPower();
        obj.powerInt(2, 4);
        calDiv obj1 = new calDiv();
        obj1.divInt(2, 3);
    }
}

```

Amanshu
Taj