1st experiment

```java
import java.util.Scanner;
class feet{
    public static void main(String args[]){
        Scanner scan=new Scanner(System.in);
        int l=scan.nextInt();
        int w=scan.nextInt();
        float area=l*w;
        float acres=area/43560;
        System.out.println(acres+"acres");
    }
```

2nd experiment

```java
import java.util.Scanner;
class weight{
    public static void main(String args[]){
        Scanner scan=new Scanner(System.in);
        int widget=scan.nextInt();
        int gizmo=scan.nextInt();
        int w= widget*75;
        int g=gizmo*112;
        int total=w+g;
        System.out.println("The total weight of all these widgets and gizmos is" +total+" grams.");
    }
}
```

3rd experiment

```java
import java.math.RoundingMode;

import java.text.DecimalFormat;

import java.util.Scanner;

class df{

    private static final DecimalFormat d = new DecimalFormat("0.00")

    public static void main (String[] args) {

    Scanner scan=new Scanner(System.in);

    double dc1=scan.nextDouble();

    double dc2=scan.nextDouble();

    dc1=dc1*0.10;

    dc2=dc2*0.25;

    System.out.print("Your total refund will be $"+ d.format(dc1+dc2));

    }

}
```

4th experiment

```java
import java.util.Scanner;

class odd {

   public static void main (String[] args) {

       Scanner scan=new Scanner(System.in);

       int o=scan.nextInt();

       if (o%2!=0){

          System.out.println(2);

       }

       else

          System.out.println(1);

   }

}
```

5th experiment

```
import java.util.Scanner;

import java.lang.Math;

class last {

    public static void main (String[] args) {

        Scanner scan=new Scanner(System.in);

        int r=Math.abs(scan.nextInt());//Math.abs()

        r=r%10;

        System.out.println(r);

    }

}
```

6th experiment

```
import java.util.Scanner;

import java.lang.Math;

class last {

    public static void main (String[] args) {

        Scanner scan=new Scanner(System.in);

        int r=Math.abs(scan.nextInt());//Math.abs()

        int s=Math.abs(scan.nextInt());//Math.abs()

        r=r%10;

        s=s%10;

        int sum =r+s;

        System.out.println(sum);

    }

}
```

7ᵗʰ experiment

```java
import java.util.Scanner;
class Days{
 public static void main(String[] args){
Scanner obj=new Scanner(System.in);
Int days=obj.nextInt();
Int years=days/365;
Int months=(days%365)/30;
Int day=(days%365)%30;
System.out.println("YEARS:"+years+"MONTH:"+months+"DAYS:"+day);
}
}
```

8ᵗʰ experiment

```java
Import java.util.Scanner;
Class Second{
Public static void main(String[] args){
Scanner n=new Scanner(System.in);
Int a=n.nextInt();
Int x=a/10;
Int y=x%10;
System.out.println(y);
}
}
```