```
//Simple.java

class A{
  private int data = 40;

  private void msg(){
    System.out.println("Hello java");}
}

public class Simple{
  public static void main(String args[]){
    A obj=new A();
    System.out.println(obj.data);//Compile Time Error
    obj.msg();//Compile Time Error
  }
}
>>> Two Complile Time Errors


//Simple.java

class A{
  private int data = 40;

  void msg(){
    System.out.println("Hello java");}
}

public class Simple{
  public static void main(String args[]){
    A obj=new A();
    System.out.println(obj.data);//Compile Time Error, Not accessible due to Private scope
    obj.msg(); //Accessible due to 'Default' scope
  }
}
>>> One Complile Time Error


//Simple.java

class A{
  int data = 40;
```

```
  void msg(){
    System.out.println("Hello java");}
}

public class Simple{
  public static void main(String args[]){
    A obj=new A();
   System.out.println(obj.data); //Accessible due to 'Default' scope
   obj.msg(); //Accessible due to 'Default' scope
  }
}

//Simple.java

class A{
  private int data = 40;

  void msg(){
    System.out.println("Hello java..."+"\nData: "+data);
  }
  private void msg1(){
    System.out.println("I'm a Private Method..."+"\nData: "+data);
  }
}

public class Simple{
  public static void main(String args[]){
    A obj=new A();
   //System.out.println(obj.data);  //Compile Time Error  due to 'Private' scope
   obj.msg();//Accessible due to 'Default' scope
   obj.msg1();//NOT Accessible due to 'Private' scope
  }
}


//Simple.java
class A{
  private int data = 40;

  void msg(){
    System.out.println("Hello java..."+"\nData: "+data);
    msg1();
  }
```

```
   private void msg1(){
      System.out.println("I'm a Private Method..."+"\nData: "+data);
   }
}

public class Simple{
   public static void main(String args[]){
      A obj=new A();
     //System.out.println(obj.data);  //Compile Time Error  due to 'Private' scope
     obj.msg();//Accessible due to 'Default' scope
     //obj.msg1();//NOT Accessible due to 'Private' scope
   }
}

///// Enhanced FOR loop\\\\\

// Use break with a for-each style for.
public class ForEach2 {
 public static void main(String args[]) {
   int sum = 0;
   int nums[] = { 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 };
   // use for to display and sum the values
   for(int x : nums) {
      System.out.println("Value is: " + x);
      sum += x;
      if(x == 5) break; // stop the loop when 5 is obtained
   }
   System.out.println("Summation of first 5 elements: " + sum);
 }
}


// Use break with a for-each style for.
public class ForEach2 {
 public static void main(String args[]) {
   int sum = 0;
   //int nums[] = new nums[10];
   int nums[] = { 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 };
   // use for to display and sum the values
   //for(int x : nums)
   for(int x=0; x<nums.length; x++) {  //Who is LENGTH?
      System.out.println("Value is: " + nums[x]);
      sum += nums[x];
```

```
      //if(x == 4) break; // stop the loop when 5 is obtained
    }
    System.out.println("Summation of first 5 elements: " + sum);
  }
}
```