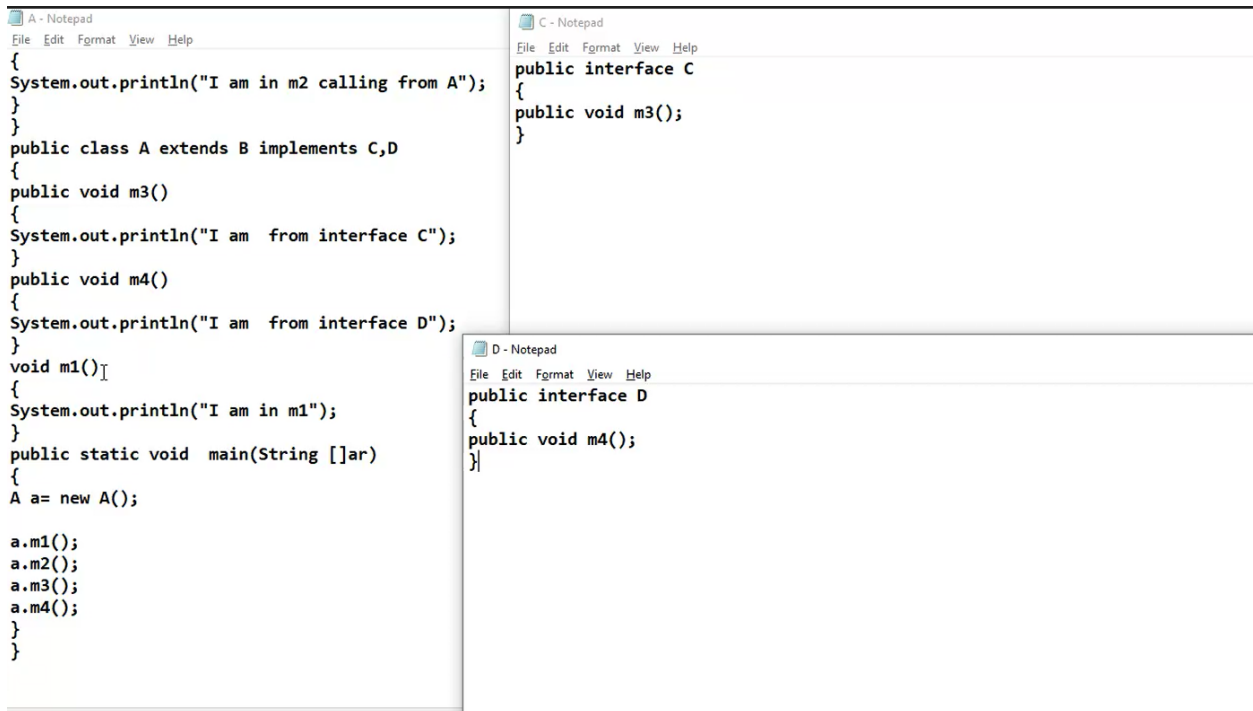


Day 1

Class A

```
{  
  
    public static void main(string []ar)  
  
    {  
  
        system.out.println("Good Morning")  
  
    }  
  
}
```

Output:- Good Morning



The screenshot shows three overlapping Notepad windows. The top-left window, titled 'A - Notepad', contains the following code:

```
{  
System.out.println("I am in m2 calling from A");  
}  
}  
public class A extends B implements C,D  
{  
    public void m3()  
    {  
        System.out.println("I am from interface C");  
    }  
    public void m4()  
    {  
        System.out.println("I am from interface D");  
    }  
}  
void m1()  
{  
    System.out.println("I am in m1");  
}  
public static void main(String []ar)  
{  
    A a= new A();  
  
    a.m1();  
    a.m2();  
    a.m3();  
    a.m4();  
}  
}
```

The top-right window, titled 'C - Notepad', contains the following code:

```
public interface C  
{  
    public void m3();  
}
```

The bottom window, titled 'D - Notepad', contains the following code:


```
public interface D  
{  
    public void m4();  
}
```

Day 1

5 Questions.....

1 .

```
public class biggest
{
    public static void main(String[] args)
    {
        int a=10, b=20, c=45;
        if(a>=b && a>=c)
            System.out.println(a+" is the biggest Number");
        else if (b>=a && b>=c)
            System.out.println(b+" is the biggest Number");
        else
            System.out.println(c+" is the biggest number");
    }
}
```

Main.java	Run	Output
<pre>1 public class biggest 2 { 3 public static void main(String[] args) 4 { 5 int a=10, b=20, c=45; 6 if(a>=b && a>=c) 7 System.out.println(a+" is the biggest Number"); 8 else if (b>=a && b>=c) 9 System.out.println(b+" is the biggest Number"); 10 else 11 System.out.println(c+" is the biggest number"); 12 } 13 }</pre>		<pre>java -cp /tmp/CbMI75BxoB biggest 45 is the biggest number</pre>

Day 1

2.

```
public class Interest

{

    public static void main(String args[])

    {

        float p, r, t, si;

        p = 3000; r = 10; t =5;

        si = (p*r*t)/100;

        System.out.println("Simple Interest is: " +si);

    }

}
```

Main.java	Run	Output
<pre>1 public class Interest 2 { 3 public static void main(String args[]) 4 { 5 6 float p, r, t, si; 7 p = 3000; r = 10; t =5; 8 si = (p*r*t)/100; 9 System.out.println("Simple Interest is: " +si); 10 } 11 12 }</pre>		<pre>java -cp /tmp/CbMI75BxoB Interest Simple Interest is: 1500.0</pre>

Day 1

3.

```
public class marks {  
    public static void main(String []args) {  
        int sid = Integer.parseInt(args[0]);  
        String sname = args[1];  
        float m1 = Integer.parseInt(args[2]);  
        float m2 = Integer.parseInt(args[3]);  
        float m3 = Integer.parseInt(args[4]);  
        float avg;  
        avg= (m1+ m2 + m3)/3;  
        if(avg >= 60) {  
            System.out.println(sid + sname + "belongs to" + "Class 1");  
        }  
        else if(avg >=50 && avg < 60 ) {  
            System.out.println(sid+ sname + "belongs to" +"Class 2");  
        }  
        else if(avg >= 30 && avg < 50) {  
            System.out.println(sid+ sname + "belongs to" +"Class 3");  
        }  
        else {  
            System.out.println(sid+ sname+ "belongs to" +"fail");  
        }  
    }  
}
```

Day 1

4.

```
public class SwapNums

{

    public static void main(String[] args) {

        float first = 5.20f, second = 2.65f;

        System.out.println("--Before swap--");

        System.out.println("First number = " + first);

        System.out.println("Second number = " + second);

        float temp = first;

        first = second;


        second = temp;

        System.out.println("--After swap--");

        System.out.println("First number = " + first);

        System.out.println("Second number = " + second) }

}
```

Main.java	Run	Output
<pre>1 public class SwapNums 2 { 3 public static void main(String[] args) { 4 5 float first = 5.20f, second = 2.65f; 6 System.out.println("--Before swap--"); 7 System.out.println("First number = " + first); 8 System.out.println("Second number = " + second); 9 float temp = first; 10 first = second; 11 second = temp; 12 System.out.println("--After swap--"); 13 System.out.println("First number = " + first); 14 System.out.println("Second number = " + second); 15 } 16 }</pre>		<pre>java -cp /tmp/CbMI75BxoB SwapNums --Before swap-- First number = 5.2 Second number = 2.65 --After swap-- First number = 2.65 Second number = 5.2</pre>

Day 1

5.

```
class fibbn

{

    public static void main(String[] args)

    {

        int n =15, firstTerm = 0, secondTerm = 1;

        System.out.println("Fibonacci Series till " + n + " terms:");

        for (int i = 1; i <= n; ++i)

        {

            System.out.print(firstTerm + ", ");

            int nextTerm = firstTerm + secondTerm;

            firstTerm = secondTerm;

            secondTerm = nextTerm; }

        }

    }
```

Main.java	Output
<pre>1 class fibbn 2 { 3 public static void main(String[] args) 4 { 5 int n =15, firstTerm = 0, secondTerm = 1; 6 System.out.println("Fibonacci Series till " + n + " terms 7 :"); 8 for (int i = 1; i <= n; ++i) 9 { 10 System.out.print(firstTerm + ", "); 11 int nextTerm = firstTerm + secondTerm; 12 firstTerm = secondTerm; 13 secondTerm = nextTerm; 14 } 15 } 16 }</pre>	<pre>java -cp /tmp/CbMI75BxoB fibbn Fibonacci Series till 15 terms: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377,</pre>