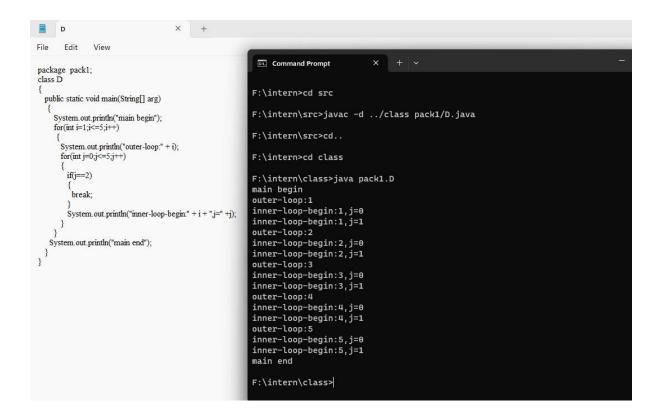
Day 13

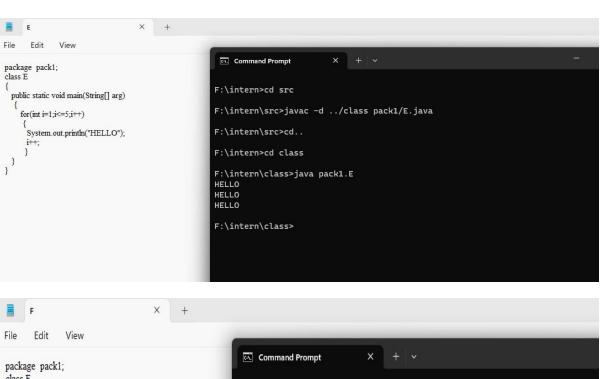
For loops examples :-

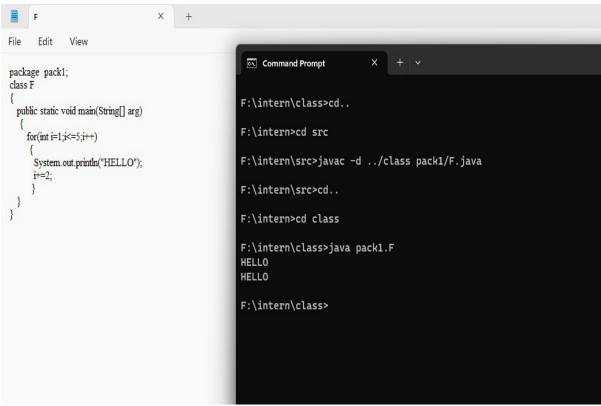
```
Edit
             View
                                           Command Prompt
package pack1;
class A
                                          F:\intern\src>javac -d ../class pack1/A.java
 public static void main(String[] arg)
                                          F:\intern\src>cd..
   System.out.println("main begin");
   for(int i=1;i<=5;i++)
                                          F:\intern>cd class
     System.out.println("loop-body:" + i);
                                          F:\intern\class>java pack1.A
  System.out.println("main end");
                                          main begin
                                          loop-body:1
                                          loop-body:2
                                          loop-body:3
                                          loop-body:4
                                          loop-body:5
                                          main end
                                          F:\intern\class>
```

```
Edit
              View
                                                           Command Prompt
package pack1;
class B
                                                          F:\intern\src>cd..
 public static void main(String[] arg)
                                                          F:\intern>cd class
    System.out.println("main begin"); for(int i=1;i<=5;i++)
                                                          F:\intern\class>java pack1.B
                                                         main begin
      System.out.println("outer-loop:" + i);
                                                          outer-loop:1
                                                          inner-loop-begin:1,j=0
      for(int j=0;j<=5;j++)
                                                          inner-loop-begin:1,j=1
       System.out.println("inner-loop-begin:"+i+",j="+j);\\
                                                          inner-loop-begin:1,j=2
inner-loop-begin:1,j=3
                                                          inner-loop-begin:1,j=4
   System.out.println("main end");
                                                          inner-loop-begin:1,j=5
                                                          outer-loop:2
                                                          inner-loop-begin:2,j=0
                                                          inner-loop-begin:2,j=1
                                                         inner-loop-begin:2,j=2
inner-loop-begin:2,j=3
inner-loop-begin:2,j=4
                                                          inner-loop-begin:2,j=5
                                                          outer-loop:3
                                                          inner-loop-begin:3,j=0
                                                          inner-loop-begin:3,j=1
                                                          inner-loop-begin:3,j=2
                                                          inner-loop-begin:3,j=3
inner-loop-begin:3,j=4
                                                          inner-loop-begin:3,j=5
                                                          outer-loop:4
                                                          inner-loop-begin:4,j=0
inner-loop-begin:4,j=1
```

```
E c
File
      Edit
              View
                                                           Command Prompt
package pack1;
class C
                                                         F:\intern>cd class
  public static void main(String[] arg)
                                                         F:\intern\class>java pack1.C
                                                         main begin
    System.out.println("main begin");
                                                         outer-loop:1
    for(int i=1;i<=5;i++)
                                                         inner-loop-begin:1,j=0
      System.out.println("outer-loop:" + i); for(int j=0;j<=5;j++)
                                                         inner-loop-begin:1,j=1
                                                         inner-loop-begin:1,j=3
inner-loop-begin:1,j=4
        if(j==2)
                                                         inner-loop-begin:1,j=5
                                                         outer-loop:2
inner-loop-begin:2,j=0
inner-loop-begin:2,j=1
         continue;
        System.out.println("inner-loop-begin:" + i + ",j=" +j);
                                                         inner-loop-begin:2,j=3
                                                         inner-loop-begin:2,j=4
   System.out.println("main end");
                                                         inner-loop-begin:2,j=5
                                                         outer-loop:3
                                                         inner-loop-begin:3,j=0
                                                         inner-loop-begin:3,j=1
                                                         inner-loop-begin:3,j=3
                                                         inner-loop-begin:3,j=4
                                                         inner-loop-begin:3,j=5
                                                         outer-loop:4
                                                         outer-toop.4
inner-loop-begin:4,j=0
inner-loop-begin:4,j=1
inner-loop-begin:4,j=3
                                                         inner-loop-begin:4,j=4
                                                         inner-loop-begin:4,j=5
                                                         outer-loop:5
                                                         inner-loop-begin:5,j=0
```







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≝ н
File Edit View
                                                    Command Prompt
package pack1;
class H
                                                   F:\intern\class>cd..
  public static void main(String[] arg)
  for(int i=1;i<5; )
                                                   F:\intern>cd src
     {
    System.out.println("HELLO");
                                                   F:\intern\src>javac -d ../class pack1/H.java
     }
                                                  F:\intern\src>cd..
}
                                                   F:\intern>cd class
                                                  F:\intern\class>java pack1.H
HELLO
HELLO
                                                   F:\intern\class>
```

