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SECTION: D1918

ROLL: B62

This program will show how to manage a store operations like item issued,item returned and dispose items.

WITH NAME ,ID COUNT

JAVA FILE-

class Stock

{

int n=1;

String x;

String q;

String w;

String r;

void new_item(String new_a)

{

x=new_a;

System.out.println("new_item :"+x);

n++;

}

void item_issued(String item)

{

q=item;

System.out.println("Item issued :"+q);

System.out.println("total new count is"+n);

}

```

        void item_returned(String returned)
        {
            w=returned;

            System.out.println("Item returned :"+w);

--n;

            System.out.println("total new count is"+n);
        }

        void item_disposeable(String dispose)
        {
            r=dispose;

--n;

            System.out.println("Item issued :"+r);

            System.out.println("total new count is"+n);
        }
    }

```

```

class Main
{
    public static void main(String args[])
    {
        int n=1;

        Stock c=new Stock();

        c.new_item("MOBILE ID:001");

        c.item_issued("MOBILE");

        c.item_returned("CAMERA ID :002");
    }
}

```

```
c.item_disposeable("LAPTOP ID:003");
```

```
}
```

```
}
```

ASPECT FILE

aspect a

```
{
```

```
pointcut p1():set(String Stock.x);
```

```
pointcut p2():set(String Stock.q);
```

```
pointcut p3():set(String Stock.w);
```

```
pointcut p4():set(String Stock.r);
```

```
after():p1()
```

```
{
```

```
    System.out.println("NEW ITEM COMES");
```

```
}
```

```
before():p2()
```

```
{
```

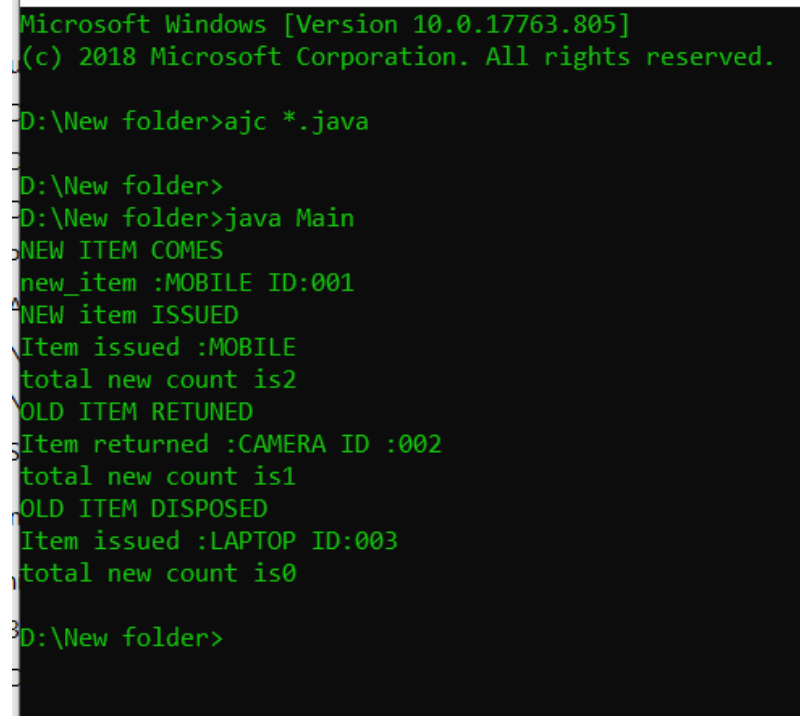
```
    System.out.println("NEW item ISSUED");
```

```
}
```

```
after():p3()
```

```
{  
    System.out.println("OLD ITEM RETUNED");  
}  
before():p4()  
  
{  
    System.out.println("OLD ITEM DISPOSED");  
}  
  
}
```

OUTPUT:



```
Microsoft Windows [Version 10.0.17763.805]  
(c) 2018 Microsoft Corporation. All rights reserved.  
  
D:\New folder>ajc *.java  
  
D:\New folder>  
D:\New folder>java Main  
NEW ITEM COMES  
new_item :MOBILE ID:001  
NEW item ISSUED  
Item issued :MOBILE  
total new count is2  
OLD ITEM RETUNED  
Item returned :CAMERA ID :002  
total new count is1  
OLD ITEM DISPOSED  
Item issued :LAPTOP ID:003  
total new count is0  
  
D:\New folder>
```