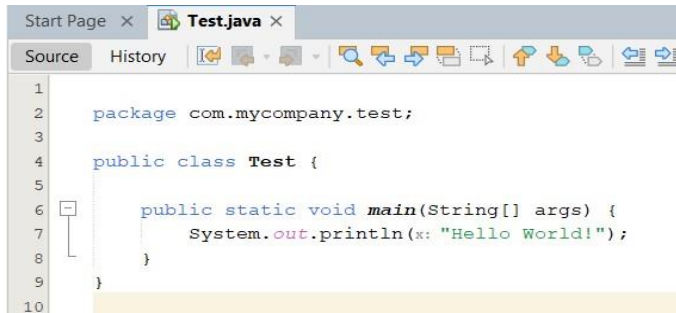


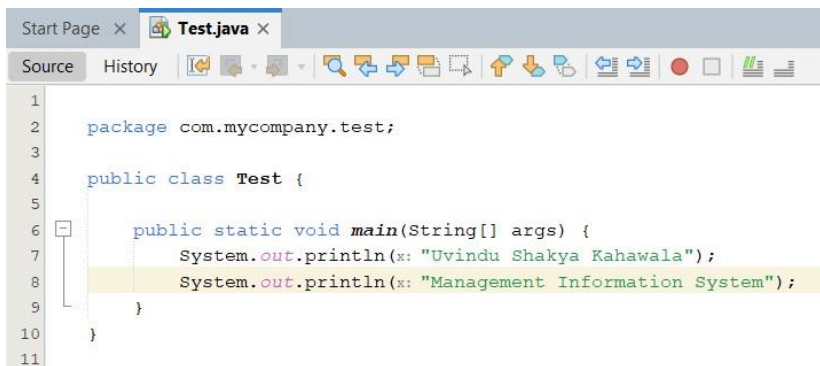
OOP Using JAVA - Practical 01

Q.1)



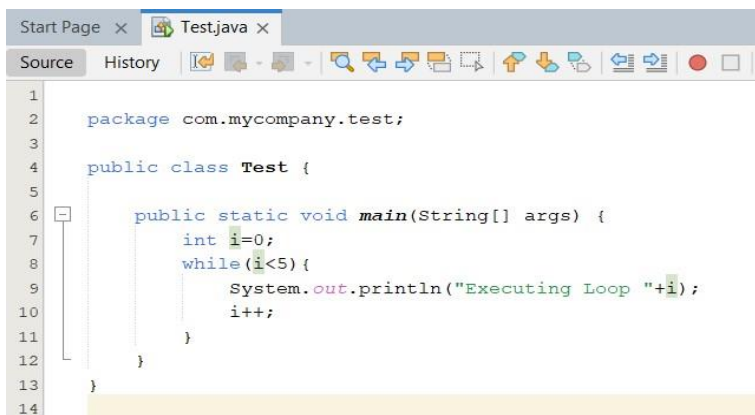
```
1 package com.mycompany.test;
2
3
4 public class Test {
5
6     public static void main(String[] args) {
7         System.out.println(x: "Hello World!");
8     }
9 }
10
```

Q.2)



```
1 package com.mycompany.test;
2
3
4 public class Test {
5
6     public static void main(String[] args) {
7         System.out.println(x: "Uvindu Shakya Kahawala");
8         System.out.println(x: "Management Information System");
9     }
10 }
11
```

Q.3)



```
1 package com.mycompany.test;
2
3
4 public class Test {
5
6     public static void main(String[] args) {
7         int i=0;
8         while(i<5){
9             System.out.println("Executing Loop "+i);
10            i++;
11        }
12    }
13 }
14
```

Q.4) "break"



```
-----< com.mycompany:Test >-----
Building Test 1.0-SNAPSHOT
-----[ jar ]-----

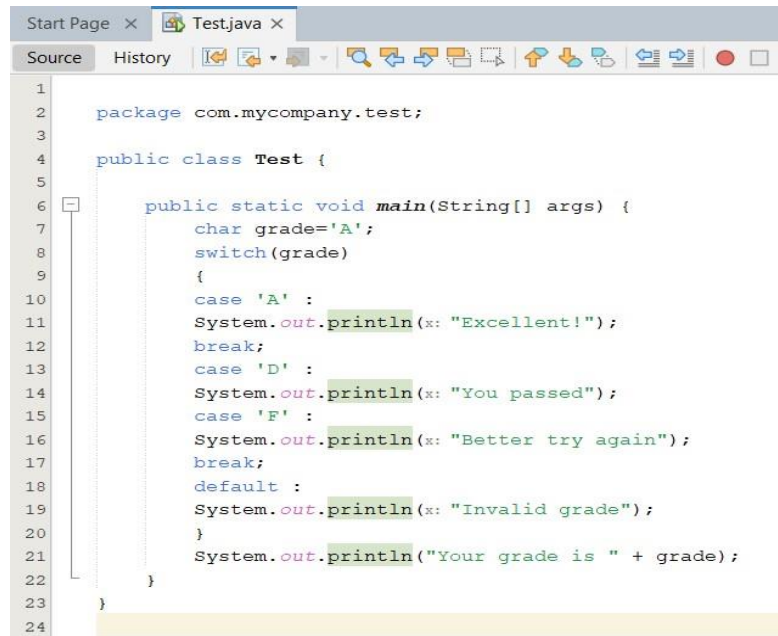
--- exec-maven-plugin:3.1.0:exec (default-cli) @ Test ---
10
20
I'm out of the Loop now
-----
BUILD SUCCESS
```

"Continue."

```
-----< com.mycompany:Test >-----
Building Test 1.0-SNAPSHOT
-----[ jar ]-----

--- exec-maven-plugin:3.1.0:exec (default-cli) @ Test ---
10
20
40
50
I'm out of the Loop now
BUILD SUCCESS
```

Q.5)



```
1 package com.mycompany.test;
2
3
4 public class Test {
5
6     public static void main(String[] args) {
7         char grade='A';
8         switch(grade)
9         {
10            case 'A' :
11                System.out.println(x: "Excellent!");
12                break;
13            case 'D' :
14                System.out.println(x: "You passed");
15            case 'F' :
16                System.out.println(x: "Better try again");
17                break;
18            default :
19                System.out.println(x: "Invalid grade");
20            }
21            System.out.println("Your grade is " + grade);
22        }
23    }
24 }
```

```
-----< com.mycompany:Test >-----
Building Test 1.0-SNAPSHOT
-----[ jar ]-----

--- exec-maven-plugin:3.1.0:exec (default-cli) @ Test ---
Excellent!
Your grade is A
BUILD SUCCESS
```

**Removing "break."*

```
-----< com.mycompany:Test >-----
Building Test 1.0-SNAPSHOT
-----[ jar ]-----

--- exec-maven-plugin:3.1.0:exec (default-cli) @ Test ---
Excellent!
You passed
Better try again
Invalid grade
Your grade is A
BUILD SUCCESS
```

*If-else-if statement

```
Start Page x Test.java x
Source History
1
2 package com.mycompany.test;
3
4 public class Test {
5
6     public static void main(String[] args) {
7         char grade='A';{
8             if(grade=='A'){
9                 System.out.println(x: "Excellent!");
10            else if (grade=='D')
11                System.out.println(x: "You passed");
12            else if (grade=='F')
13                System.out.println(x: "Better try again");
14            else
15                System.out.println(x: "Invalid grade");
16            }
17            System.out.println("Your grade is " + grade);
18        }
19    }
20 }
```

Q.6)

```
Start Page x Test.java x
Source History
1
2 package com.mycompany.test;
3
4 public class Test {
5
6     public static void main(String[] args) {
7         int [] numbers = {10, 20, 30, 40, 50};
8         for(int x:numbers){
9             System.out.print( i: x );
10            System.out.print(s: ",");
11        }
12        System.out.print(s: "\n");
13        String [] names={"James", "Larry", "Tom", "Lacy"};
14        for(String name : names){
15            System.out.print( s: name);
16            System.out.print(s: ",");
17        }
18    }
19 }
```

```
-----< com.mycompany:Test >-----
Building Test 1.0-SNAPSHOT
-----[ jar ]-----

--- exec-maven-plugin:3.1.0:exec (default-cli) @ Test ---
10,20,30,40,50,
James,Larry,Tom,Lacy,

BUILD SUCCESS
-----
```