

1. Task DevOps:

```
import java.util.*;
```

```
public class PrintDevOps {
```

```
    public static void main(String args[])
```

```
    {
```

```
        DevOps(100);
```

```
    }
```

```
}
```

```
private static void DevOps(int num){
```

```
    String output = "";
```

```
    for (int i = 1; i <= num; i++){
```

```
        output = "";
```

```
        if (i % 3 == 0)
```

```
            output = "Dev";
```

```
        if (i % 5 == 0)
```

```
            output += "Ops";
```

```
        System.out.println(output);
```

```
    }
```

```
}
```

Duration time: 10 min

2. Task Factorial:

```
public int factorial(int n)
{
    return n == 1 ? 1 : n * factorial(n - 1);
}
```

Duration time: 5 min

3.Task Prime Number:

```
public boolean isPrime(int num){

    for (int i = 2; i <= num/2; i++)
        if (i % 2 == 0)
            return false;

    return true;
}
```

Duration time: 5 min