DAILY ONLINE ACTIVITIES SUMMARY

Date:	23/06/2020		Name:	Prathiksha
Sem & Sec	8th sem & B sec		USN:	4AL16CS070

Online Test Summary

Subject	-		
Max. Marks	-	Score	-

Certification Course Summary

Course	AWS Inferentia and Amazon EC2 Inf1 instances.		
Certificate Provider	AWS	Duration	15 min

Coding Challenges

Problem Statement:

    1. **Program to convert binary number to decimal.**

Status: Solved

Uploaded the report in Github	Yes
If yes Repository name	Prathiksha
Uploaded the report in slack	Yes

Online Test Details:

Certification Course Details:
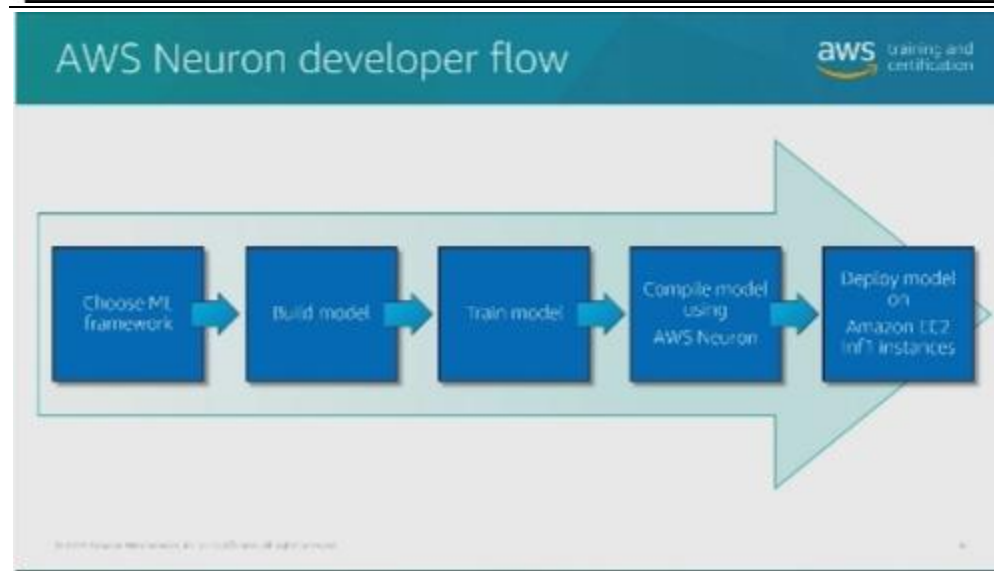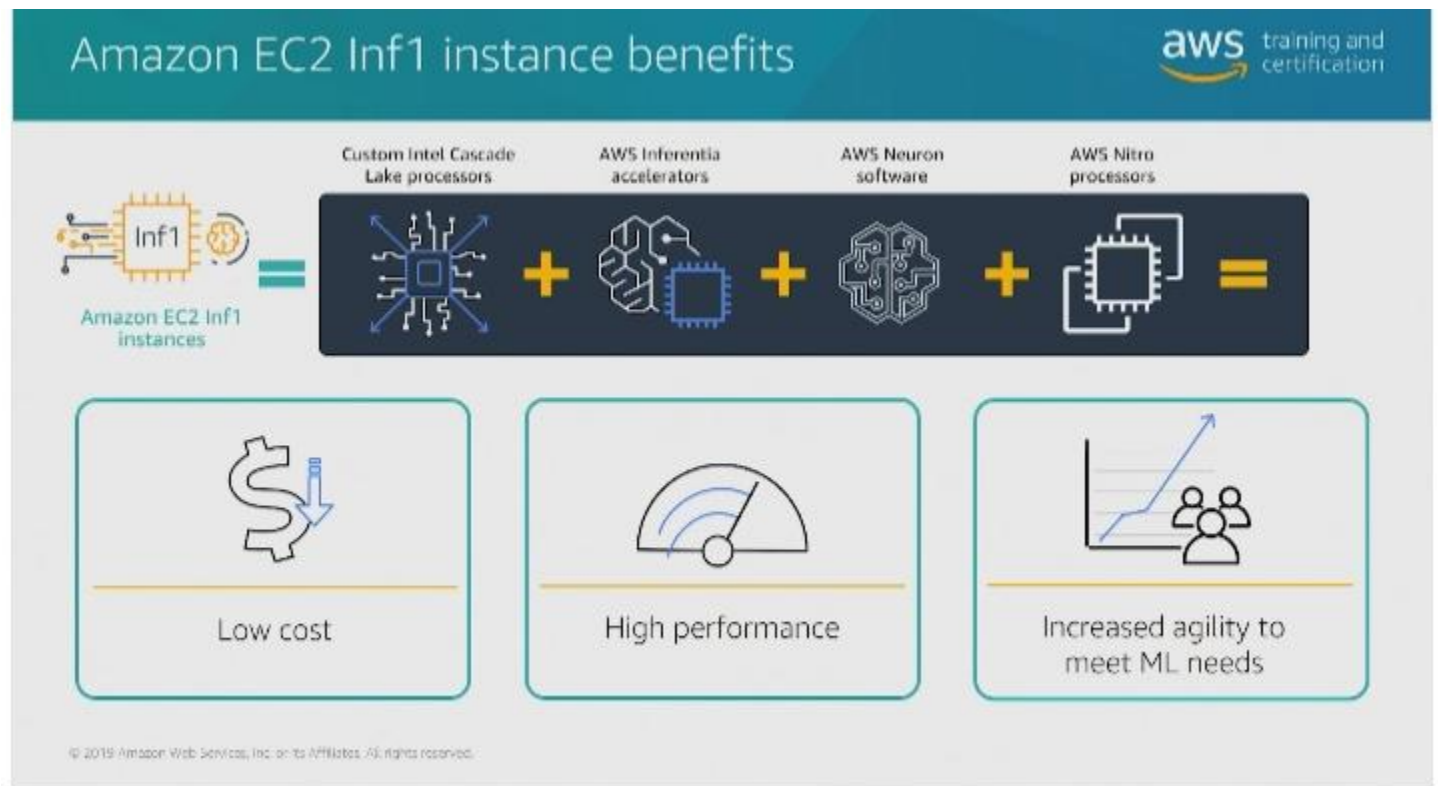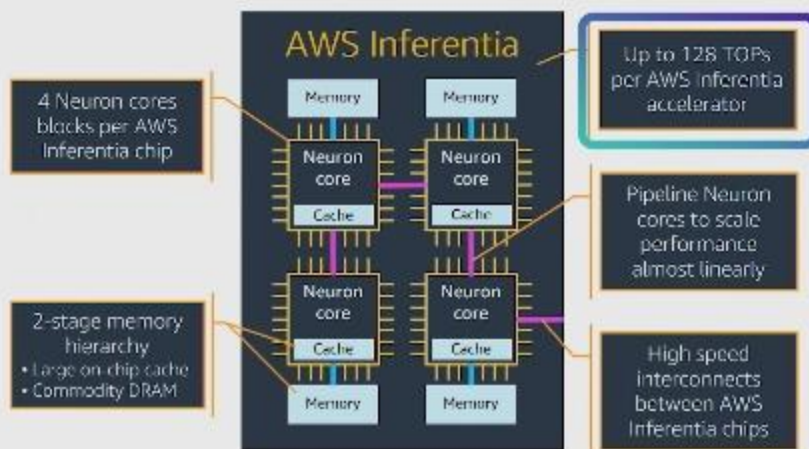
Topic: About AWS Inferentia and Amazon EC2 Inf1 instances.

Coding Challenges Details:

Program 1:

```java
public class BinaryDecimal {

    public static void main(String[] args) {
        long num = 110110111;
        int decimal = convertBinaryToDecimal(num);
        System.out.printf("%d in binary = %d in decimal", num, decimal);
    }
    public static int convertBinaryToDecimal(long num)
    {
        int decimalNumber = 0, i = 0;
        long remainder;
        while (num != 0)
        {
            remainder = num % 10;
            num /= 10;
            decimalNumber += remainder * Math.pow(2, i);
            ++i;
        }
        return decimalNumber;
    }
}
```

OUTPUT:
110110111 in binary = 439 in decimal