

## CPS847 Assignment 2 – Lambda Function Report

### Group 9

The Lambda Function imports JSON and returns both the “statusCode” and “output”. The “statusCode” is set to have the value, 200. The “output” contains the events “first\_name” and “last\_name”. The events “first\_name” and “last\_name” take their values from the test event in JSON. In the test event in JSON the events of “first\_name” and “last\_name” contain the strings “Jane” and “Doe” respectively.

When the code is executed, the response that is made is:

```
{  
  "statusCode": 200,  
  "output": "Jane Doe"  
}
```

## Lambda Function (code source):

```
1 import json
2
3 def lambda_handler(event, context):
4     # TODO implement
5     #first_name = first_name + last_name
6     return {
7         'statusCode': 200,
8         'output': event['first_name'] + " " + event['last_name']
9     }
10
```

## Lambda Function (test event):

**Test event**

DeleteFormatSave changesTest

Invoke your function with a test event. Choose a template that matches the service that triggers your function, or enter your event document in JSON.

☐ New event

☒ Saved event

Saved event

MyEvent▼↻

```
1 {
2   "first_name": "Jane",
3   "last_name": "Doe"
4 }
```

## Lambda Function (execution results):

lambda\_function.xExecution result.x+

▼ Execution results

Status: SucceededMax memory used: 50 MBTime: 1.69 ms

**Response**

```
{
  "statusCode": 200,
  "output": "Jane Doe"
}
```

**Function Logs**

```
START RequestId: 516116c1-3adb-4c2e-906b-a59acee776b4 Version: $LATEST
END RequestId: 516116c1-3adb-4c2e-906b-a59acee776b4
REPORT RequestId: 516116c1-3adb-4c2e-906b-a59acee776b4 Duration: 1.69 ms Billed Duration: 2 ms Memory Size: 128 MB Max Memory Used: 50 MB Init Dur
```

**Request ID**

```
516116c1-3adb-4c2e-906b-a59acee776b4
```