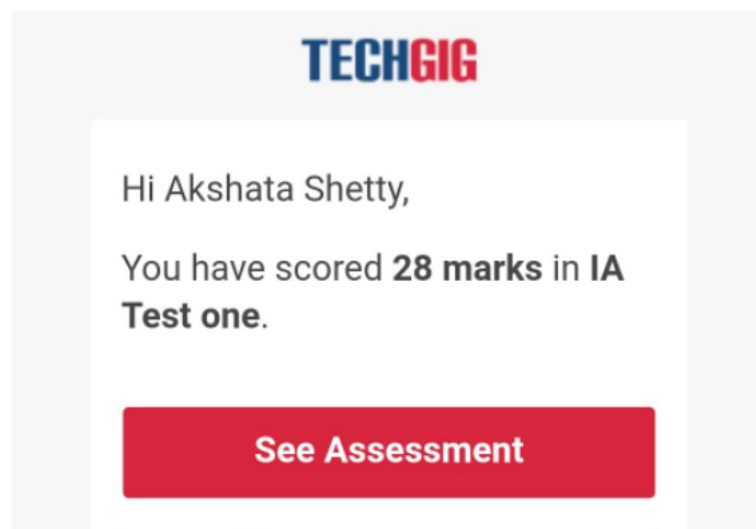


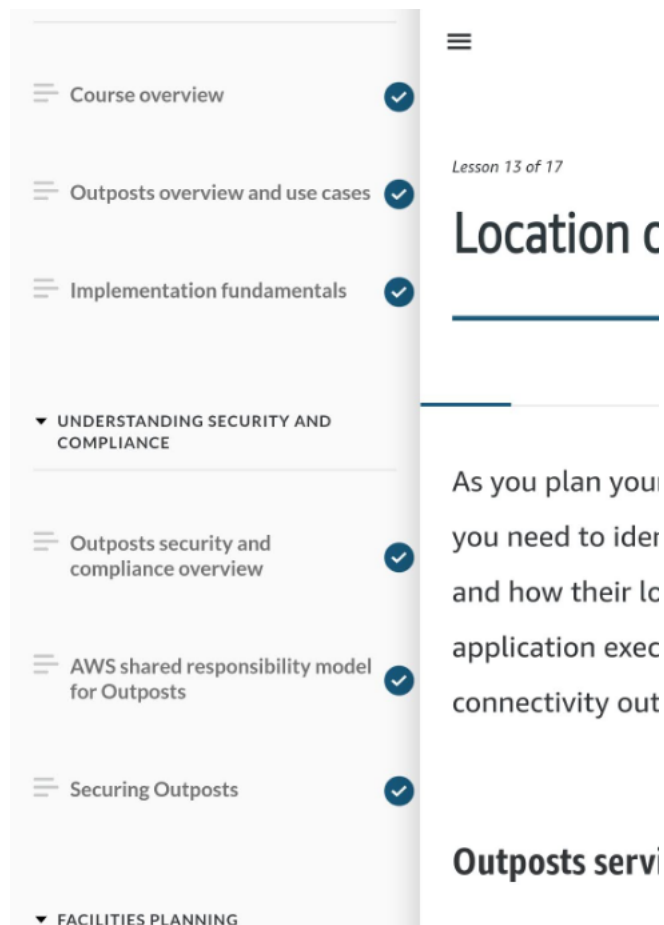
DAILY ONLINE ACTIVITIES SUMMARY

Date:	16/06/2020	Name:	Akshata Shetty
Sem & Sec	8th B	USN:	4AL16CS092
Online Test Summary			
Subject	BDA		
Max. Marks	30	Score	28
Certification Course Summary			
Course	AWS outposts		
Certificate Provider	AWS	Duration	3hrs
Coding Challenges			
Problem Statement:			
1) Python rogram to find the SHA- 1 message digest of a file			
Status: Solved			
Uploaded the report in Github		YES	
If yes Repository name		Akshata	
Uploaded the report in slack		YES	

Online test:



Certification Course Details:



CODE:

Program no:1

```
# Python program to find the SHA- 1 message digest of a file
```

```
# importing the hashlib module
```

```
import hashlib
```

```
def hash_file(filename):
```

```
    """This function returns the SHA- 1 hash  
    of the file passed into it"""
```

```
    # make a hash object
```

```
    h = hashlib.sha1()
```

```
    # open file for reading in binary mode
```

```
    with open(filename,'rb') as file:
```

```
        # loop till the end of the file
```

```
        chunk = 0
```

```
        while chunk != b"":
```

```
            # read only 1024 bytes at a time
```

```
            chunk = file.read(1024)
```

```
            h.update(chunk)
```

```
    # return the hex representation of digest
```

```
    return h.hexdigest()
```

```
message = hash_file("track1.mp3")
```

```
print(message)
```