

DAILY ONLINE ACTIVITIES SUMMARY

Date:	13-06-2020	Name:	Afrah Saleem
Sem & Sec	VIII Semester & B Section	USN:	4AL16CS127
Online Test Summary			
Subject	IOT		
Max. Marks	30	Score	30
Certification Course Summary			
Course	Learn android applications and development		
Certificate Provider	Udemy	Duration	10 Hrs
Coding Challenges			
Problem Statement: C Program to find the first non repeating character in a string.			
Status: COMPLETED			
Uploaded the report in Github		YES	
If yes Repository name		Afrah	
Uploaded the report in slack		YES	

Online Test Details:

You've cleared Round 1 and scored **30/30** in IoT IA5. That's the maximum score one can reach in this assessment. View and share your achievement.

[View Achievement](#)

About The Assessment

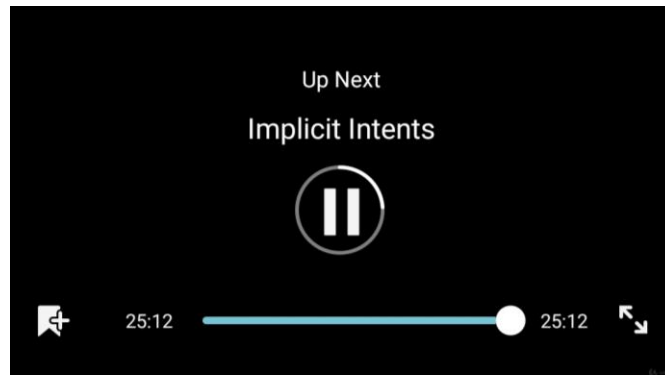


IoT IA5

Round 1 ends on: 13 Jun,
2020 (1 Hour)

Warm Regards,
TechGig Team

Certification Course Details:



Lectures

More



	Video - 07:39 mins	
	Section 4 - Intents	
35	Introduction to Intents Video - 03:45 mins	
36	Explicit Intents Part 1 Video - 14:21 mins	
37	Explicit Intents Part 2 Video - 25:12 mins	
38	Implicit Intents Video - 21:23 mins	
39	Vector Assets Video - 10:06 mins	
40	Challenge Intents Video - 02:14 mins	

Coding challenges online details :

```
#define MAX_SIZE 256
```

```
//5
```

```
struct element{
```

```
    int count;
```

```
    int index;
```

```
};
```

```
//6
```

```
int findFirstNonRepeatedChar(char *str){
```

```
//7
```

```
    struct element *recordTable = (struct element *)calloc(sizeof(struct  
    element),MAX_SIZE);
```

```
//8
```

```
int i;
```

```
int resultElementIndex = -1;
```

```
//9
```

```
for(i=0; *(str+i) ; i++){
```

```
    if(!isspace(*(str+i))){
```

```
        recordTable[*(str+i)].count ++;
```

```
        recordTable[*(str+i)].index = i;
```

```
    }
```

```
}
```

```
//10
```

```
for(i=0; i < MAX_SIZE; i++){
```

```
    //11
```

```
    if(recordTable[i].count == 1){
```

```
        //12
```

```
        if(resultElementIndex == -1){
```

```
            resultElementIndex = recordTable[i].index;
```

```
        }else{
```

```
            if(recordTable[i].index < resultElementIndex){
```

```
                resultElementIndex = recordTable[i].index;
```

```
            }
```

```
}  
  
}  
  
}
```

```
//13
```

```
return resultElementIndex;  
  
}
```

```
int main(){
```

```
//1
```

```
char str[100];
```

```
//2
```

```
printf("Enter a string : \n");
```

```
fgets(str,100,stdin);
```

```
//3
```

```
int index = findFirstNonRepeatedChar(str);
```

```
//4
```

```
if(index == -1){
```

```
printf("No element found \n");  
else{  
printf("First non-repeated character %c \n",str[index]);  
}  
}
```

