DAILY ASSESSMENT FORMAT

Date:	23-06-2020	Name:	MOUNITHA D M
Course:	C++ programming	USN:	4AL17EC055
Topic:	1. Conditional and loop 2.Data types arrays and pointers 3.Functions	Semester & Section:	6TH SEM "A" SEC
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FORENOON SESSION DETAILS
Image of session
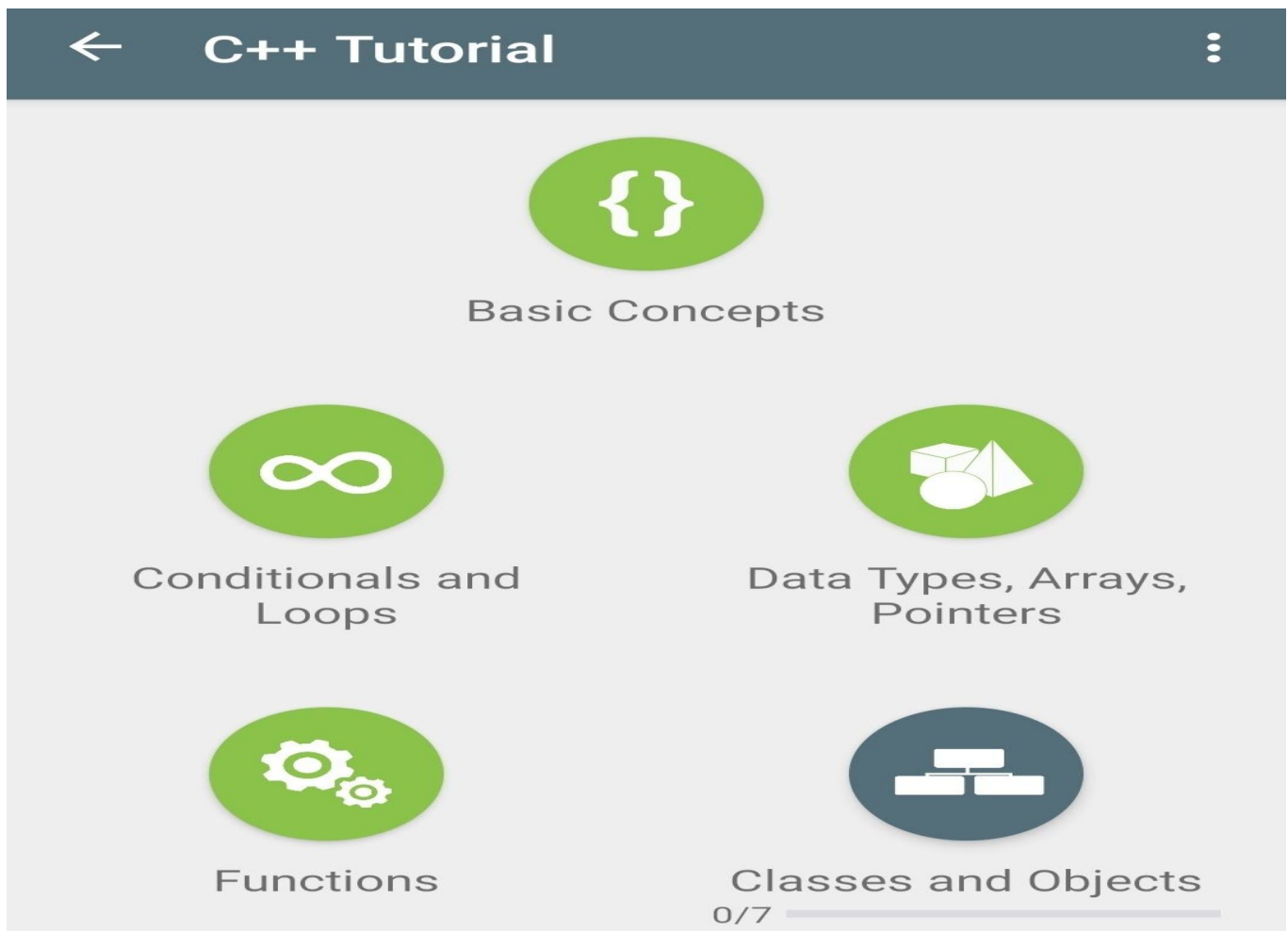
Report – Report can be typed or hand written for up to two pages.

C++ programming
08/06/2020

Data types, Arrays and pointers.

The   as allocates memory and selects what will
be stored in the reserved memory based on the
variable data type

→ Signed integer can hold both -ve and +ve
numbers. unsigned integer can hold only +ve values

→ String is an ordered sequence of characters,
Enclosed in double quatation marks.

→ char variable holds a 1 - byte integer

→ C++ is Case - Sensitive,

→ Array is used to store collection of data, but it
may be useful to think of an array as a
collection of variables that are all of the same types

→ Multidimensional Arrays-
        type name [size1] [size2] - - - [size N]

→ Pointers — int Score = 5;
        Cout << &Score << Endl.l;

→ Dynamic memory
        int *p = new int;
        *p = 5;
        Cout << *p << Endl;
        delete p;

Functions

→ Group of statements that perform a Particular task

To the C++ standard library you can access a pseudo random number generate functions that's function called rand()

→ we required to include the header <stdlib

```
#include <iostream>
#include <stdlib>
using namespace std;
int main() {
cout << rand()
}
```

→ Srand() function is used to generate truely random number.

→ Function overloading allows to create multiple functions with the same name, as long as they have different parameter.

→ A Recursion function in C++ is a function that calls cheif

→ Function arguments

By value : This method copies the arguments actual value into the function formal parameter, Here we can make changes to the parameter with the function without having any effect on the argument

By reference : This method copies the arguments reference into the formal parameter.