

Afternoon/morning session

Date : 22/6/2020

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Course : C++

USN - UAL18EC043

Topic : Basic concepts
Conditional & loops

Sem - IV Sem.

Repository - Rashmi.k

Report:Today's Topic \Rightarrow 1. Basic concepts
2. Conditional & loops

* C++ is general purpose programming language.

* First C++ program.

```
#include <iostream>
using namespace std;
int main()
{
```

```
    cout << "Hello world!";
    return 0; }
```

* You can add multiple insertion operators after cout

```
cout << "This" << " is" << "awesome!";
```

* Variables

specifying the data type is required just once, at the time when variable is declared. after that, the variable may be used without referring to the data type

```
int a;
a = 10;
```

* if statement is used to execute some code if condition is true.

* A while loop condition repeatedly executes a target statement as long as given condition is true.

```
while (condition) {  
    statement(s);  
}
```

```
int num = 1;  
while (num < 6) {  
    cout << "Number: " << num << endl;  
    num = num + 1;  
}
```

```
int num = 1;  
while (num < 6) {  
    cout << "Number" << num << endl;  
    num = num + 3;  
}
```