



PATUAKHALI SCIENCE AND TECHNOLOGY UNIVERSITY

COURSE CODE CCE-112

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Assignment: **Lab Problem 14**

Assignment title: **Making an Advanced Platformer**

The pink custom blocks help you avoid duplicating code. Why is this a good thing?

Ans: In scratch the pink custom blocks help us to prevent duplicating the same thing. And it helps us to make our code more efficient. As they make our code more smaller, it makes the process much more easier and modular. And it also enables us to reuse the code base.

How is a pink custom block's input like a variable?

Ans: To input like a variable we can write click on the pink block and on the edit menu, we can set arguments. Those arguments can be used to pass extra information to the pink custom block.

Where can you use a pink custom block's input?

Ans: We can use pink custom block's input to do mathematical operations, like conditions. We can also use it to control the flow of our process.

What does modulo mean in mathematics?

Ans: In mathematical the modulo operation finds the remainder when one number is divided by another.

What does floor mean in programming?

Ans: In programming, floor is function which rounds a decimal or fractional number down to the nearest integer. So the floor of a number is always less than or equal to the original value.