



Programming and Algorithm

Lab Class 1: Basic Programming

Welcome to Basic Programming Class



What is Programming ?



- Programming means giving instruction to a computer or computing devices.
- These instructions are known as Programming code.



Who is Programmer?



Hi! I am a
programm
er

A person who writes code
is known as a programmer.

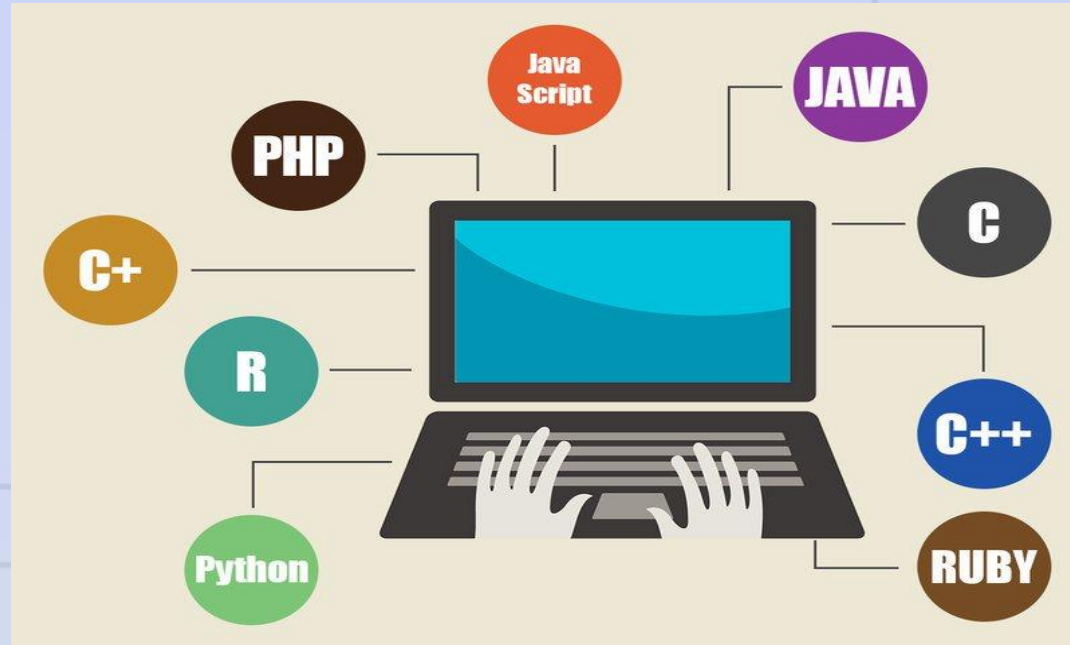


What is Programming Language?

- A programming language is a vocabulary and set of grammatical rules for giving commands and instruction to a computer



Programming Languages





We Can Make

- Websites
- Mobile Apps
- Desktop Apps
- Robot

Websites

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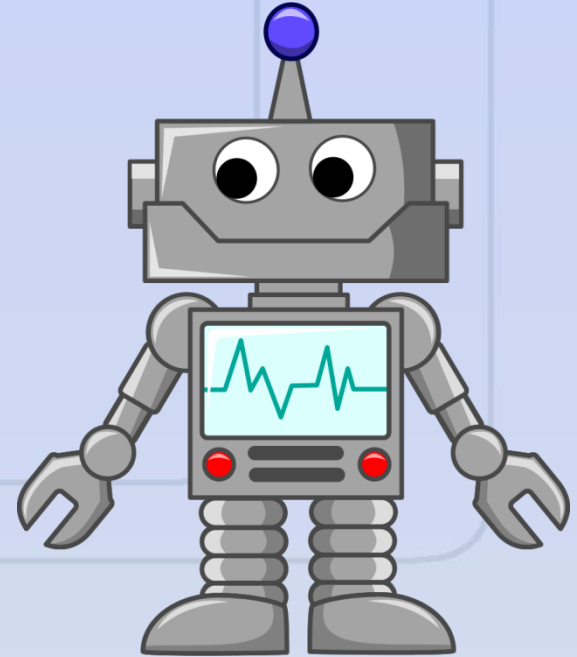
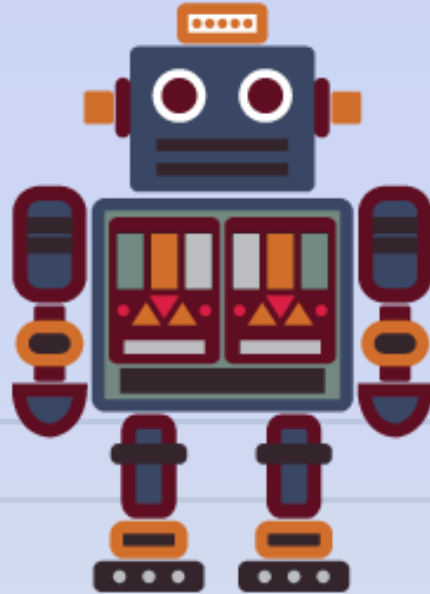
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Mobile Applications



Robot

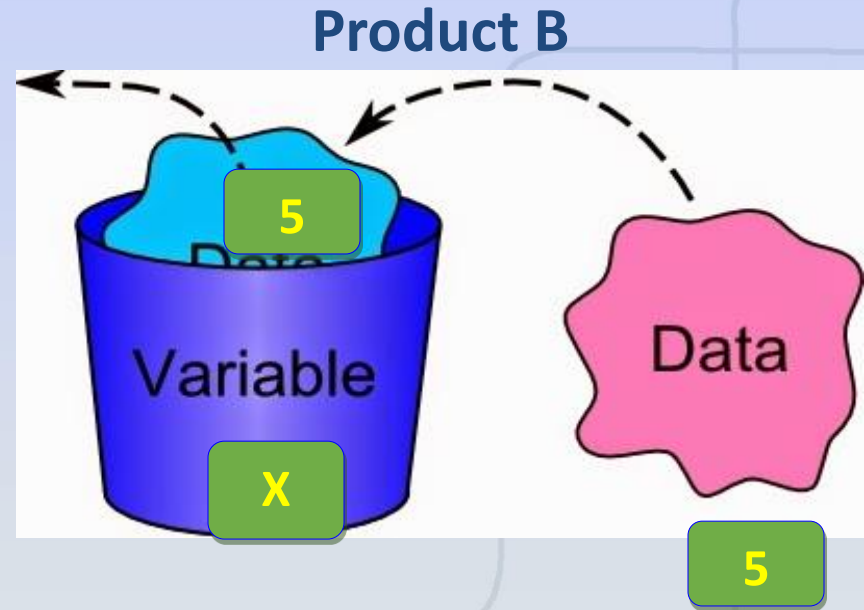


Variable

Variables are containers for storing data values.

```
var x = 5;  
var y = 6;  
var z = x + y;
```

x, y, z is variable



Variable: Data Type

```
var marks = 80;
```

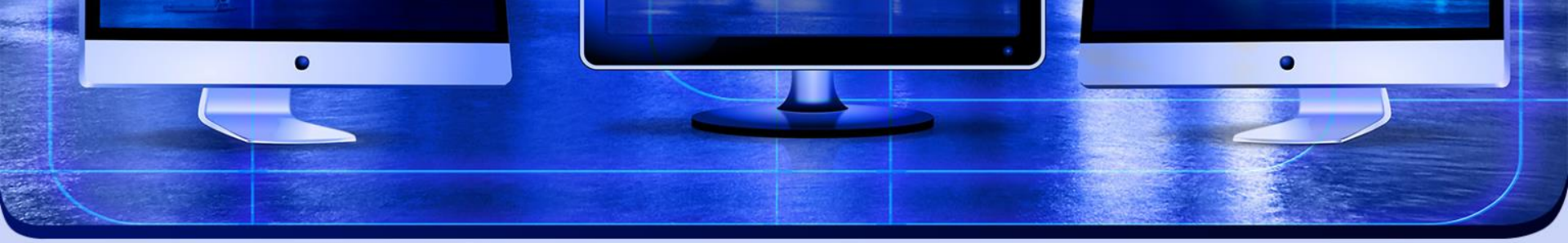
Integer

```
var grade = 4.50;
```

Decimal

```
var name = "Zyan"
```

String



Thank You!

