

Chapter 11 Introduction of Interfaces Java by Munawar

We can also assign reference of an abstract class to the object of a concrete sub class.

Interfaces in Java

Interfaces in English is a point where two systems meet and interact.



In Java interface is a group of related methods with empty bodies.

```
Interface Bicycle {  
void apply brake ();  
void speed up ();  
}  
  
Class Avon cycle implements Bicycle {  
Int speed=4;  
Void apply brake (Int decrement) {  
Speed =speed – decrement;  
}  
Void speed up (Int increment) {  
Speed =speed + increment;  
}  
}
```

Abstract class vs interfaces

We cannot extend multiple abstract classes but we can implement multiple interfaces at a time.

Source Code

```
import javax.swing.plaf.synth.SynthTextAreaUI;
import java.util.Scanner;
import java.util.Random;

public class Main {
    public static void main (String [] args) {
        // Only discuss theory
    }
}
```

Thank You