**Abstract Super Class Interface**

Definition of the superclass Parent Definition of the interface AnInterface

**public** **abstract** **class** Parent **public** **interface** AnInterface

{ **public** **static** **final** **int** a = 10; { **public** **int** a = 10;

**// other constants can // other constants can**

**// be included** **// be included**

**public abstract int** extra(); **public int** extra();

**//other abstract methods //other signatures**

**//can be included //can be included**

} }

Heading of a class that *extends* the Heading of a class that *implements* the

super class Parent interface AnInterface

**public** **class** Child **extends** Parent **public** **class** AClass **implements** AnInterface

**Figure 8.36 A comparison of abstract super class and interface syntax.**