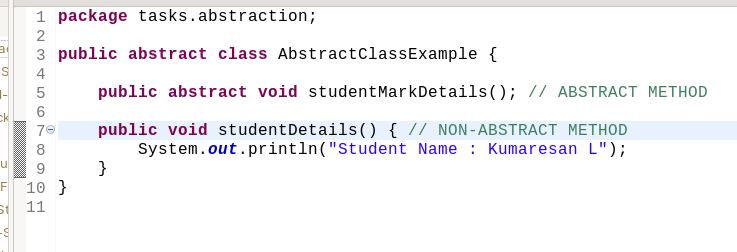
Points to remember:

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1-An abstract class can have abstract and/or non-abstract methods.

**Ans : Yes, abstract class have abstract and / non abstract methods.**

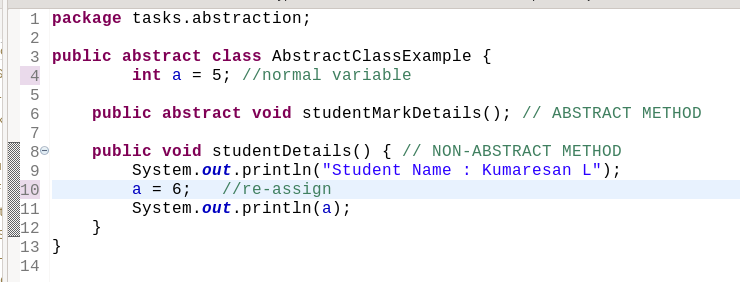
**Eg code.,**

****

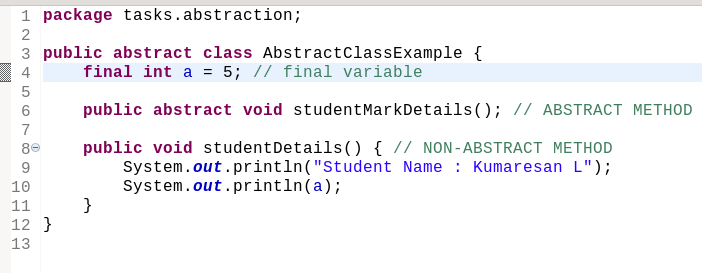
2-The abstract may or may not contain the final variables.

**Ans : Yes its true, abstract may contain final variables or may not.**

**Eg code., contain normal variable:-**

****

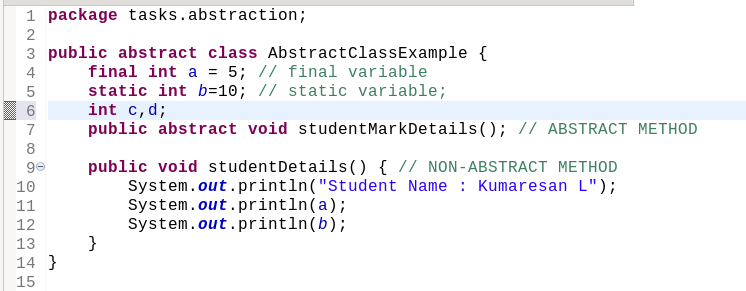
**Eg code., contain final variables**

****

3-An abstract class can have final, static or non-static or non-final variables.

**Ans: Above all statements are true**

**\* Abstract class have final variable and static variable or may not. Eg code:-**

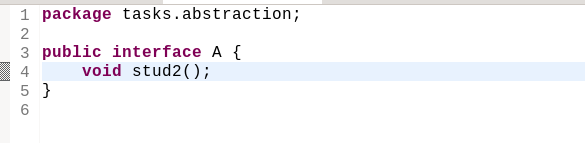


4-An abstract class may provide interface implementation.

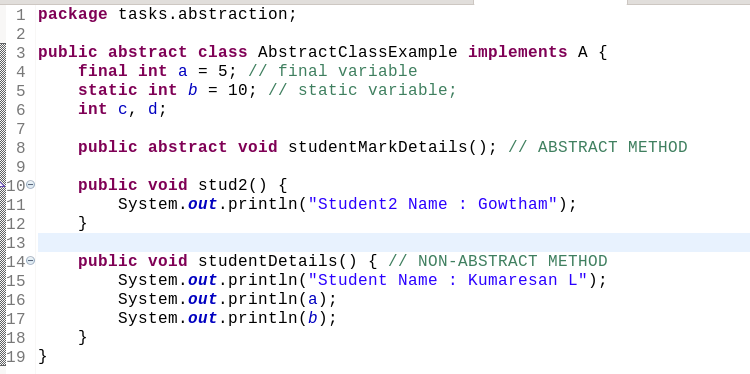
**Ans : Yes abstract class provide interface implementation but instance of the interface will be not in abstract class, it may be in normal class or in another interfaces.**

**Eg code.,**

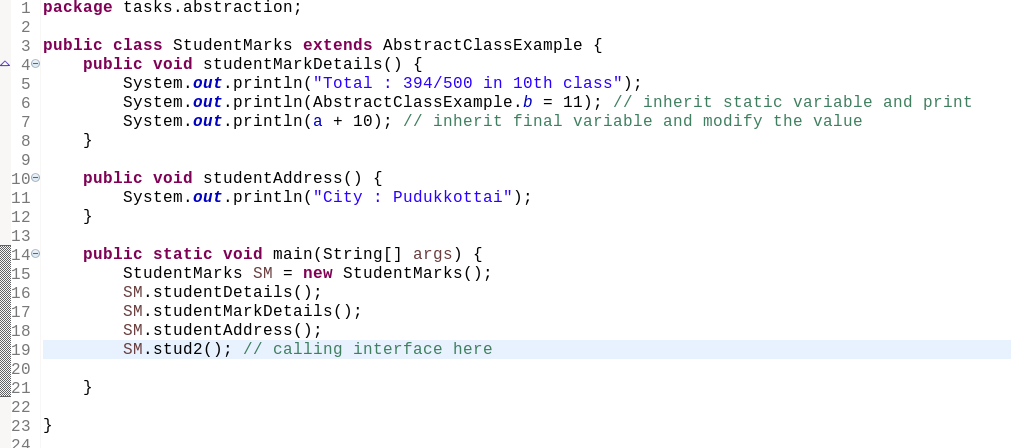
**interface A :-**

****

**A implememts in abstract class and also defining stud2() :-**

****

**But calling will be in studentMarks class that inherits AbstractClassExample that implements A so the think happened :-**

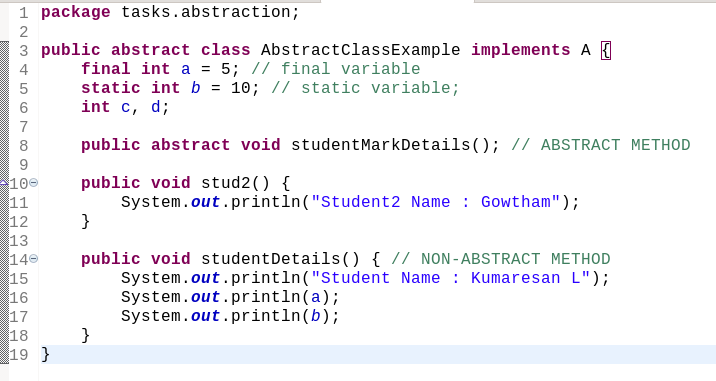


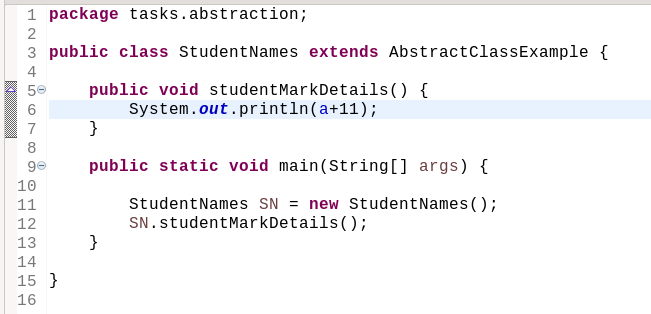
5-An abstract class is inherited using the “extends” keyword.

**Ans : Yes abstract class inherited using extends keyword in another class.**

**Eg.,**

**Abstract class :-**

**That is inherited in StudentNames class :-**

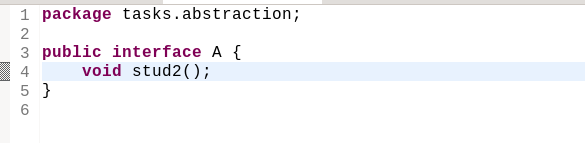
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6-An abstract class can extend other classes or implement multiple interfaces.

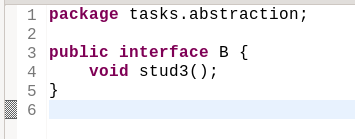
**Ans : Yes, absrtact class can extend other classes alone. (without interface) and also implement multiple interfaces.**

**Eg., Abstract class implement multiple interface.**

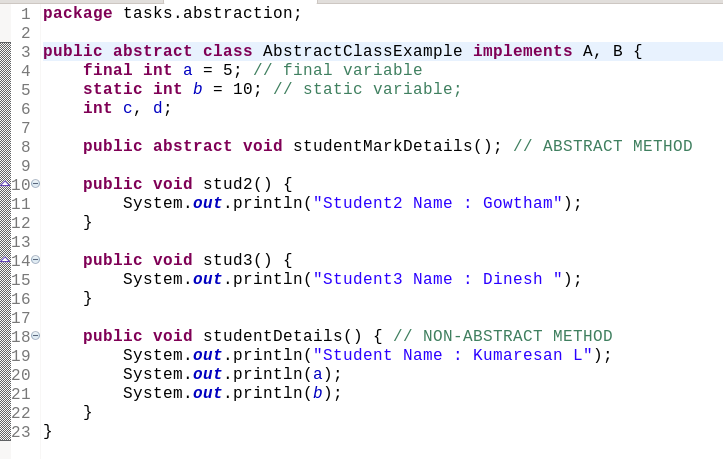
**Interface A -**

****

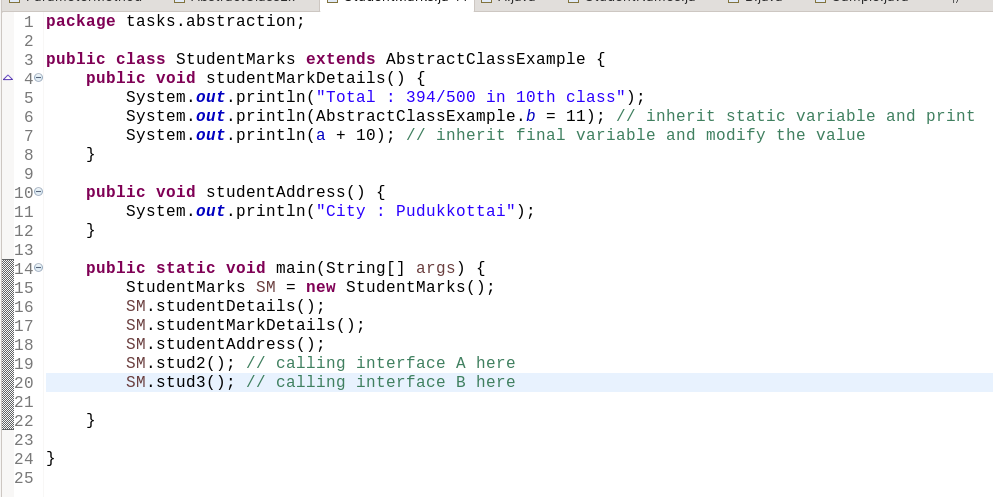
**Interface B -**

****

**Implements A and B in abstract class named AbstractClassExample -**

****

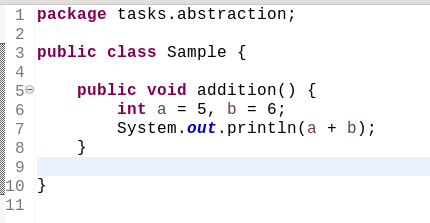
**But calling will be in studentMarks class that inherits AbstractClassExample that implements A and B so the think happened :-**

****

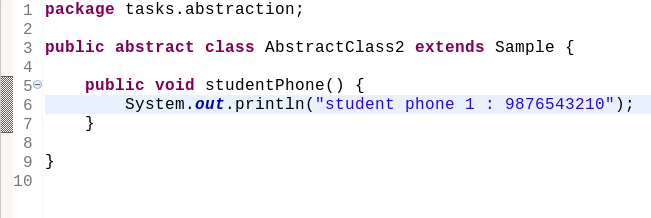
**Eg., An abstract class can extend other classes -**

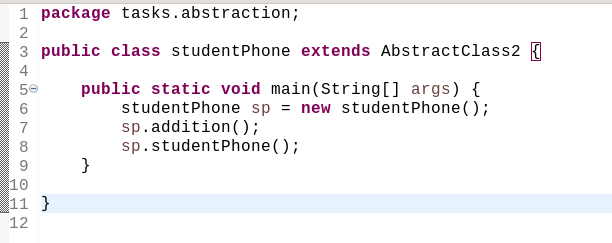
**Now, here abstract class extends sample class:**

**sample.java -**

****

**Abstract class named AbstractClass2 extends Sample class:**

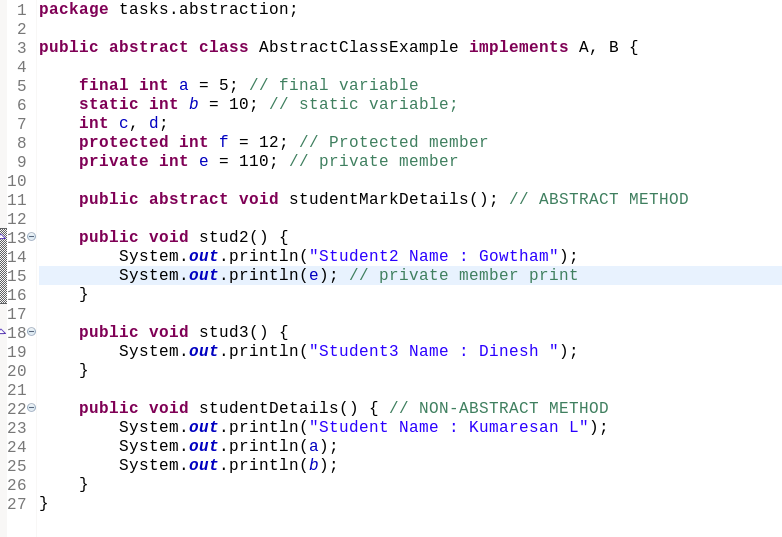
 **But calling will be in studentPhone class that inherits AbstractClass2 that extends Sample so the think happened :-**

****

7-An abstract class can have private or protected data members apart from public members.

**Ans :- Yes, both the above statements are true. Abstract class can have private or protected members.**

**Eg.,**

****