|  |
| --- |
| package class18; |
|  |  |  |
|  |  | public class Horse { |
|  |  | String name; |
|  |  | String breed; |
|  |  | int age; |
|  |  | double weight; |
|  |  |  |
|  |  | public Horse(String name,String breed,int age,double weight){ |
|  |  | this.name=name; |
|  |  | this.breed=breed; |
|  |  | this.age=age; |
|  |  | this.weight=weight; |
|  |  | } |
|  |  |  |
|  |  | void printInfo(){ |
|  |  | String name="now this will be printed"; |
|  |  | System.out.println("name "+this.name+" Breed "+breed+" age "+age+" Weight "+weight); |
|  |  | } |
|  |  |  |
|  |  | public static void main(String[] args) { |
|  |  | Horse horseObject=new Horse("Sprit","Stallion",20,400); |
|  |  | horseObject.printInfo(); |
|  |  | } |
|  |  |  |
|  |  | } |

**24** [src/class18/Task3.java](https://github.com/SyntaxTechnologies/SDETBatch14Java/commit/8f7495babfc70ce86d2c8597710a347d6bb3e53a" \l "diff-94171b31151ecda6d926d053b6720e649ca0a02826341b04f6f8cd84871e0cb5" \o "src/class18/Task3.java)

|  |  |  |
| --- | --- | --- |
|  | | @@ -6,4 +6,28 @@ public class Task3 { |
|  |  | class: 1 - inside same class; 2 - from outside the class; 3 - from different class inside different package |
|  |  | and observe result. |
|  |  | \*/ |
|  |  |  |
|  |  | private Task3(){ |
|  |  | System.out.println("private"); |
|  |  | } |
|  |  |  |
|  |  | Task3(String name){ |
|  |  | System.out.println("Default"); |
|  |  | } |
|  |  |  |
|  |  | protected Task3(int age){ |
|  |  | System.out.println("protected"); |
|  |  | } |
|  |  | public Task3(boolean isTrue){ |
|  |  | System.out.println("public"); |
|  |  | } |
|  |  |  |
|  |  | public static void main(String[] args) { |
|  |  | new Task3(); |
|  |  | new Task3("Thank you Lubna"); |
|  |  | new Task3(10); |
|  |  | new Task3(true); |
|  |  | } |
|  |  |  |
|  |  |  |
|  |  | } |

**10** [src/class18/Task3Tester.java](https://github.com/SyntaxTechnologies/SDETBatch14Java/commit/8f7495babfc70ce86d2c8597710a347d6bb3e53a" \l "diff-a804f36518fc9c6f9ea75cb23b8e5ca1a8cdb76b97d151c5572fc7c60f26ac43" \o "src/class18/Task3Tester.java)

|  |  |  |
| --- | --- | --- |
|  |  | @@ -0,0 +1,10 @@ |
|  |  | package class18; |
|  |  |  |
|  |  | public class Task3Tester { |
|  |  | public static void main(String[] args) { |
|  |  | // new Task3(); because it private |
|  |  | new Task3("Thank you Lubna"); |
|  |  | new Task3(10); |
|  |  | new Task3(true); |
|  |  | } |
|  |  | } |

**22** [src/class18/Task4.java](https://github.com/SyntaxTechnologies/SDETBatch14Java/commit/8f7495babfc70ce86d2c8597710a347d6bb3e53a" \l "diff-5922a987a28a8ab915d3015341cd2949bd54aa88d03caa170dd00b138b30f100" \o "src/class18/Task4.java)

|  |  |  |
| --- | --- | --- |
|  |  | @@ -0,0 +1,22 @@ |
|  |  | package class18; |
|  |  |  |
|  |  | public class Task4 { |
|  |  | /\* |
|  |  | //Write program that have static constructor and observe result |
|  |  | \*/ |
|  |  | Task4(){ |
|  |  |  |
|  |  | } |
|  |  | void print(){ |
|  |  |  |
|  |  | } |
|  |  | void print2(){ |
|  |  |  |
|  |  | } |
|  |  |  |
|  |  | public static void main(String[] args) { |
|  |  | Task4 task4=new Task4(); |
|  |  | task4.print(); |
|  |  | task4.print2(); |
|  |  | } |
|  |  | } |

**16** [src/class18/ThisKeywordDemo.java](https://github.com/SyntaxTechnologies/SDETBatch14Java/commit/8f7495babfc70ce86d2c8597710a347d6bb3e53a" \l "diff-1818b8e03bdb492ff13487f35c2571085c3d1b1fe887d1f9682467590c82b8e7" \o "src/class18/ThisKeywordDemo.java)

|  |  |  |
| --- | --- | --- |
|  |  | @@ -0,0 +1,16 @@ |
|  |  | package class18; |
|  |  |  |
|  |  | public class ThisKeywordDemo { |
|  |  | String str="Red"; |
|  |  |  |
|  |  | void print(){ |
|  |  | String str="Blue"; |
|  |  |  |
|  |  | System.out.println(this.str); |
|  |  | System.out.println(str); |
|  |  | } |
|  |  |  |
|  |  | public static void main(String[] args) { |
|  |  | new ThisKeywordDemo().print(); |
|  |  | } |
|  |  | } |

<https://www.youtube.com/watch?v=zbVAU7lK25Q&t=3s>