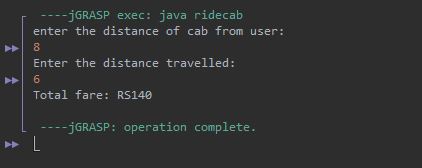
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| --- | --- | --- | --- | --- |
| **Slno.** | **Key** | **final** | **finally** | **finalize** |
| 1. | Definition | final is the keyword and access modifier which is used to apply restrictions on a class, method or variable. | finally is the block in Java Exception Handling to execute the important code whether the exception occurs or not. | finalize is the method in Java which is used to perform clean up processing just before object is garbage collected. |
| 2. | Applicable to | Final keyword is used with the classes, methods and variables. | Finally block is always related to the try and catch block in exception handling. | finalize() method is used with the objects. |
| 3. | Functionality | (1) Once declared, final variable becomes constant and cannot be modified. (2) final method cannot be overridden by sub class. (3) final class cannot be inherited. | (1) finally block runs the important code even if exception occurs or not. (2) finally block cleans up all the resources used in try block | finalize method performs the cleaning activities with respect to the object before its destruction. |
| 4. | Execution | Final method is executed only when we call it. | Finally block is executed as soon as the try-catch block is executed.  It's execution is not dependant on the exception. | finalize method is executed just before the object is destroyed. |

**Final vs Finally vs Finalize**

**Mini project**

import java.util.Scanner;  
class cab{  
 int fare;  
 int d;  
   
 public cab()  
 {  
 fare=50;  
 }  
   
 public cab(int amt)  
 {  
 fare=amt;  
 }  
}  
class ridecab{  
 public static void main(String args[])  
 {  
 int cd;  
 Scanner sc=new Scanner(System.in);  
 System.out.println("enter the distance of cab from user:");  
 cd=sc.nextInt();  
 if(cd>5)  
 {  
 cab ob=new cab(50+10\*(cd-5));  
 System.out.println("Enter the distance travelled:");  
 ob.d=sc.nextInt();  
 ob.fare +=10 \* ob.d;  
 System.out.println("Total fare: RS" +ob.fare);  
 }  
 else  
 {  
 cab ob=new cab();  
 System.out.println("Enter the distance travelled:");  
 ob.d=sc.nextInt();  
 ob.fare +=10 \* ob.d;  
 System.out.println("Total fare: RS" +ob.fare);  
 }  
 }  
   
 }

**Output**

****