public static void main (String args []) throws Exception int exit code = Tool Runner. run (new Driver C), orga);
System-out-printin (exit code); > EO Mapper. java :- 1 gradina de de import java- 16. IO Exception: import org. apache. hadoop. *; Public class Eomapper extender Mapreduce Base Implements Mapper < long writable, Teat, Tet, Intwitables public void map (Longwritable Key, Text value, output Collector < Text, Intwritable > Output. Reporter rep) throws IOException String data[] = value . tastring() .split("); for (String num: data) int number = Integer - parse Int (num); if (number v. 2==1) { output.collect(new Text("ODD"), new Intwritable se funding all most troping to Chumber di else output - collect (new Text ("EVEN") new Inturity
ble (number) o aruder

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Nitish.N.B 7 EDReducer java! - mottomodennet 18 m18 cs 65 import java.io. *; oriods may to all a import java.util. *; import org. apache, hadoop.*; public class EdReducer extends Mapreduce Base implements Reducer < Text, Int writable, Text, (P+ 1 < 1) gum tugai Intwatable > & public void reduce (Text Key, I terator/Intwritable value, Output collector < Test, Int Wiltable > (1) output, Reporter rep) throws Exception while (value has Neatly)

Int Writable i= value. Nesct();

num = i.get();

output. collect (key, new Intwritable (num)); val input = sc. parathetize (List(1,2,36))
vai result = input 1 - intersection (input) pinilol result collect ()) A) Demiliate : (Gr. L. r. E. E. Witzell) still long of a litugar lov Val result - input distinct () printly (stault. collect ()) Notry

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- b) Demonstrate 4 transformations & 4 actions on an RDD of your choice
 - * Transformations 1val input = sc-porallelize (List (1,2.3.4))
-) Map ():
 Val result = input.map (x => x * x)

 println (result.collect())
 - 2) Union ():

 val input 1 = sc. parallelize (List (1,2,3.4))

 val ipput 2 = sc. parallelize (List (3.4,5.6))

 val result = input 1. union (input 2)

 print in (result. collect ())
 - 3) Intersection:

 val input = sc. parallelize (List (1.2.3.4))

 val input 2 = sc. parallelize (List (1.2.3))

 val input 2 = sc. parallelize (List (1.2.3))

 val result = input | Intersection (input 2)

 println (result. collect (1))
 - 4) Distinct:

 Val input! = sc.parallelize (List (1.2.3.4.2.4))

 val result = input. distinct ()

 println (result. collect!)

Actions :-

i) Collect: sc.parallelize (1 to 20,4) - collect()

sc. parallelize (1 to 20,4), count()

Sc. parallelize (1 to 20,4). first()

iv) take(num):sc. parallelize (1 to 20,4). take(5)