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                Assignment - II csaoqiu-Tava progra
 Reverse a number:
 import java-utiliscanner;
Public class Roverse &
      Public Static void main (String ( Jargs) &
           Scanner input = now scanner (system, in);
        System. out. print ("enter a number; ");
        int n=input.nextInt();
        int you = 0;
 210=11) sind
      int d = ny.10;
         YEV = YEV * 10 + d
          n=0110;
 system.out.println("Reversed number; "+ rev);
                             output:
anput :-
enter a number: 12345 Reversed number: 54321
Armstrong number:
import javarutil. scanner;
class Armstrong &
 public static void main (string[] args) of
    Scanner input = new scanner (system. in); +
   Systemiout . print ("enter a number : ");
   int n=input-nextant();
   int reveni
     temp = n;
while (temp , =0) {
       wint d = temp 1.10;
             40 = 40 + 4 + 4 + d;
              temp = temp/10;
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if (n== = rev) {
    System. out. print ("Stis Armstrong number").
elsef
   systemiout. print(" Ot is not Armstrong number").
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                        output ?- "
Input:
                                  It is Armstrong number
Enter a number = 153
calculate the god of two numbers: -
import java-util-Scanner;
 class god (
  Public static void main (string[] args) {
   scanner input = new scanner (system in);
   System.out.print ("enter a number;");
   int ni = input. nextont();
   system. out. println ("enter another number; ");
   int n2 = input: next Ont();
   int nica; a=ni;
   int 6-02;
  while (b!=0){
    int temp - b;
         b = by. a
         a = temp;
 int gcd = a;
 system.out.print(n("gcd: " + gcd);
Input :-
                                   output . -
                                     gcd: 4
Enter a number: 16
Enter another number: 20
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merge two arrays:
     import java-util . Array ;
     class mergesorted Arrays (
         Public static void main (string[] args) ?
       int( ) array 1- {1,3,5,74:
       int ( ) array = {2.4.63;
         int () morgedarray = morgearrays (array), arrays);
       system.out. println (Arrays. tostring (mosged Array));
     4
     Public Static intl] merge Arrays (intl) array , intl] arrays):
           int length 1 = arrayl-length;
            int length 2 carry2-length;
           int[] morged Array = new int[length + tength 2];
           int 1=0, j=0; K=0;
     while (iclength 1) {
          mergedArray[x++] = array|[i++];
     while ( ) Llength 2) {
            morged Array [x++] = ama y 2[j++];
     return mergedarray;
   output: -
   merged array = {1,2,3,4,5,6}
5. count the frequency of characters in a string
    import java util Hashmap;
    import java-util-map;
     class characterfrequency (
         Public static void main (Strings Jangs ) I
               String input = " moulo" (2001)
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map , character, Integer > charcountmap = countcharacter
                                Frequency (input);
 for (map. Entry & Character, Ontoger > entry: Charcountmap.
                               entiySet()) {
        system : out printly lentry getkey()+":"+; entry.
                             defrograc());
 4
        Static maps character, enteger > countcharacter
                                       Frequency (String Stri
         maps character, enteger > charcountmap = new Hashmaps
           char ( ) char Array = Str. tochar Array();
     of a sonal + + y point late.
           for (char c: charArray) (
    if (charcountmap, contains key(c)){
        charcountmap. put (c, charcountmap.get(c)+1);
               SIFT TEHONOTITES THE STREET AND TON
     yeises
         charcountmap. put (c, 1);
    24
      return charcountmap;
    output :-
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