SIES Graduate School of Technology

Subject : Ju. V. 4

Roll No.: | | 44| 076

Assignment No. 2

Date : 11 / 14 12020

1	nackage transport
	class Vehicle {
	String model; long seg No;
	double veh Speed;
	double flon Sumphon
ALL L. DAY	Vehide (){ } Vehide (){ Vehi
	Vehicle (5 Hing model, long segalo, double Feb Speal, double fuellup, double flon sumption)
	this model = model; this segulo = leuNo;
	this veh Speed = veh Speed,
	this fuel (ap = fuellap; this flon & umption = flon & umption;
	public void set Model (String model) { this model = model; } public void settento (long regNo) { this revNo = regNo; }
	public void set (longuaphion (double this veh Speed = veh Speed) { this veh Speed = veh Speed; }
	public void fuel Needed (double distance) { flowsump his not double fuel In Need = distance of Consumption;
	Tystem-out. println ("Frel Needed is: "+ frel In Need); } public void distance (overed (double time) {
	double distlovered = time veh Speed; Tyslem out println(1"The distance covered is: " + distlovered);}
	Void display) {
	System: out: printin("Volicle modol: " + model); 5.0.P("Resolvation Number: " + sign No); 5.0.P("Thel capacity: " + fuel(ap);
	Page No. /

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5-0.7 ("Fuel Consumption: " + f (onsumtion); {
Mackage Honsport;
 public class Truck extend Vehicle {
          double weight Limit;
          Truck(){
          Truck (duable weight dimit, Stiller model, low rey No, double speal
                                         double fuellap, double floorsumption)
              Saper (mode), serve, speed, fuellan, flower his);
                 this weight Limit = & weight Limit; }
          public void set Weight Rimit (dauble weight Limit)
                this weight Limit = weight Limit; }
         @ Oversido
         void display (18 super display (1)}
package Kunsport;
public class Bus extend Vehicle {
       double pussensel;
         Bus (double payeres, String model, long resto, double vehSpeal
                             louble hellay, double florsumption)
                supplemodel, seg No, vo & hard, hellap , flogumphon);
               Misopassenolis = possendes;
               this most != model.
              Mis-verspeed = veh Speal;
              Mrs. Jugkas = Judlap.
            this florsomphin = Hurry hon
       public void set Pusseng (double presencers) this posens = possences
       @ Overrida
         Void diplus () { super displus; soul find of pussengers: " +pousersage No. /
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	puckuje Hansput;				
	A A				
	public class Transport {	<u> </u>			
	n.s.m.v (skiny [] args) {				
	Truck t= new Truck (); t; set Model ("Ashoka Leyland");				
	1. set Veh Speed(35);				
	t. set Veh Speed(35); t. set Reg No (1141076);				
	t. set Juellup (68-42); t. Sefluss umphon (77-0);				
	t. Seffussumpher (77.0);				
	1 · set Weight Limit (2000);				
	f-display();				
	t. Luel Neales (500);				
	f. fuel Neaded (500); f. dutane (uran (5);				
	they have be				
	Rus 5 = new Bus();				
	6- set Model ("Volvo"); 6-set Yehspeed (60);				
	b. set Rey No(1141077);				
	6-set Juellap (54-25);				
	5-sof/ (un sum & han (82))	a lart			
	6. set Bessengers (69);	-1:6			
	(1, (1)	1 400			
	b. display(); b fuelNealed(273); b. disfunctoryed(6);				
	b fuel weater (243);				
	3 113/-4/000 410/09/				
	3	1			
	4.				
	A Survey				
	April 1900 But the Sail of the sail of				
100					
365°			F	age N	0. /

```
import javo-long-Thread-
import javo-uhil-Scogner;
public class biol { public static void main (string [] args) {
            Sunger Papel = new Scanner (Sustemin);
             int n = input next Int ();
            Printer p: now Printer!;
            odd o = new odd (n, p) = 1;
            even e = now even(n, p);
e-set Nome ("Even: ");
          o.sturt();
         e-start();
  class odd extends Thefaul {
      intlimit;
      Printer p
     public odd (int limit showd Printer p) &
             this part po;
      @ Overlink
      public void 8un(){
         mhile (odd Num > 1.

while (odd Num <= limit){

p p. print add (odd Num sa.);

add Number += 2; }
                                                        Page No. /
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	SIES Graduate School of Technology	Subject :Roll No.:	
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	class even enleyeds Thread {		
	Int Comit;		
	01.12	,){	
	Mis-limit = limit;	11	
	Mis.p=p; } Questide		
	public void fun() {		
	int even Num = 0 \ While (even Num <= limit) {		
	n. no int Even (even Num);		
	even Num + = 2;3		
	}		
	Class S Plinker {		
	boolean is Odd = false,		
	boolean is Odd = false; Synchonized void print Odd (int no while (is Odd) {	inshell?	
	Hu & wait ();		
	Catch (Interrupt Exception e) {	e. pfint Stuck Trace(/;}	
•	508 (Thred current Thread(), get Nam	d) t": " + number);	
	is odd = Kue;		
	no hfy();		
	Synchronized void print Even (int n	oumbes){	
	while (! is Odd) { tw { woit();}		
	(alch [Interrupted Exception e)	Epis e. print Stack Track	
		Page No. /	

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509 (Thread-Custer Thread) yet Name () + ": " + number f
        is Odd Printed = Jake;
       nohify();
import jovo-aut- #;
impost java applet. 0;
import jovo. uh/A;
public dass Clock Applet extends Applet implements Runnubles
     public void short () {
         tener Thread (this);
          1. stort();}
    public void bun() {
    #1 = Thread · cultent Thread();
           While (11== 1) {
              sepaint ();
    public void paint (Graphics of {
Calendar cal = new Green rion Calendor();
         String how = String voluelf ( al set ( Calendar MOUR));
        5 try minute = Thing - value Of (cal get (calendar-MINUTE));
        String second = String value Of (cal-get (colendor. SE(OND));
        9-draw String (hur/ + 11:11 + minule + ":" + second, 20, 30);
                                                              Page No. /
```