namespace Interface1 interface calculators class Basic Calculator calculatorz public int sum (intx, int) XI=X, Y1= Y; teetween X +Y; Public int sub (intx, inty)  $\xi$  x = x; Y = Yreturn X- Y; Public int mul(in+x, in+y) Scanned with CamScanner

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Y1=x; retwon X\* Y: Public int div (intx, intx) retwen X/y; class Scientific calculators; Calculator Public int swm (intx, intx) int yi; x = x; y = y; redwon x+y;

Public inf sub (in+x, in+x)

and a least place of yl=/i tutum x-1y; E public int mul(intx, inty) Putic double Expon y1=y;
tretwom x \* y;
tretwom x \* y;
public int div (int x, int y) tetion X/Y, must Bosh 22010 Public double xtoyo (intx, inty) \[
\frac{\frac{1}{-\frac{1}{2}}}{1 - \frac{1}{2}};
 \]

hali bela in

12-32587-1

double pob= Convect. Toln+32 (console. Readline()); double pob-math-pow (2,0); Public double Exponential (intx) double exp= mouth. Exp(10) return onpi) vib toi. (15 statien Void main strang BJargs

Concole. Write line ("Besic calculatory."). Besic calculator C1 = new Besic calculator (); console. Write Line ( 'In Sum: +e1. sum (9,2)). console vriteline ("In sub: +c1, sub(9,2)) console. Writcline ("In mul: +c1. mul (4.2); console. Writcline ("InDiv: +c1. Div(9,2); console. writeline ("In scientific cal"). Scientific calculator C2 = new scientific calculators (); console. Wreitchine ("In Sum: + c2. Sum (2,6) console. Write Line ("\n Sub: +CZ'Sub (2,6)). console write line ("In mul: +(2. mul (216)) console. White Line ("In Div: + CE. div (4.,2)); console. Write Line (x+o):"+c2.xtox(2,c)) console. Wtite Line ("Exponential: "+c2.

Exponential (10));

19-30587-1 Using system Using system collection. Ganeric Busing System. Texti mespace Assingnemen bat deposite (Into amount bool wid haram (Int amount) Protected string accID Protected string intrount =00 Protected intibalancing public string account type public person user. Public Static person [] counstomers = new porson [1000]; Public Bank Account() Public Bank Account (porson user) Ethis, user = user (tomomo add customer (vser) Public Bank Accounts (string account to ( sontutum balance; 100d

19-39587-1 Epition user, Public virtual bool depositived balance = balance tamicut (intamount) & cansole. Writeline ("peopositof cansole. Writeline ( ramant), 3 Sof This successful wood side 9 Public viretual bool Withdraw (Int tation type, 3 bool success = false, top if (amount L=balance)

= balane + amount. write line ("Not Enough balanci), (futurious successions biron Somotori) public void add customor (porson customers) (++ clistomer, Length, it (inti=o; ic customor 144)

V3305-01

19-30587-1 if (customoi. [i] = = mull) Eustomers CID= customer, break; il stirrer storems internal void showfill outomis () for (intit=0,16) constants. Longth somot sus of Coustomers CiDF null Accant = customors (i) · get bout Account Show constitutes (noto () Account (); ( hhi

intocral virtual void shows ustomor () . Wrute Line ("Hurs Ii)a vintual method"), ((0001) +100015.1.1 0169, 20). maire) 204 Aron Static Void maint (string [] args) Bank Acc BEOMENT Bank Acc(); Bank Acc blices FOFO10 Bank ACC 62(BOF) stizogob pd Bank Accob 3, strong NZ= 13 1000 Bark, 12 Ages 64/1000 (12 1, 123 4, 016 Person SI= men person () enumtered 1/Amoro), to

1.634 GB-0

12-39587-1

bL-SI create Acc (SI is saving) b1=S1-chang Acc (b1, S1, 'cworld'). b1. deposit (1000); " ("hadam personse = new person ("y", 234) 0164, 26), 102 = 52 create Acc (52, 5aning), 3 b2: deposit (3000); (2508); sitot? Petrson Sy-new porson (A". 29,31; 016767, 23); /d soft shood 69. deposite (700) sod 201 64 -Sh. creaté Acco (Su, "curent"); 69 = 84. change Dec (64, 819, 800 ing) 69 . Withdraw (C500), = 12 mozog 6: show All customers ();

1- FT 205-01 3) Using. Systom, Using . System . collection . Gremorie. Using System. Texti nanespace Radio prosto de sing private but year of interface Rationub + mi storing interface Radio Player sinding roid Switch (Boolean on) void ruturs (double frequency). void change champel (); interface music player void switch 1 (Boolean on) void play (Boolean on). void set volume (int londness); void pary Next (); ( void play pravious (),

10-30557-1 class Music Sprelvate string, title Private Strong antit,

private int year of Release; Private in + duration In Sec publie strung Title, & getio mostood) Notine bion (cospetion) (double final blow bion Public String Arthist gnows blow Es et up you plansie provotoris Public into Release Years Seti .... : () tray way Lov

Public int puradibillit 5 blow Set; ) Drist stime of word get, 22/6 th 21 proz passic munsic (1) still bion consolve, Write line ('This is empty constructors), & Evoznos Public Music (String tithe, string antit, int year of Release, int duration In Sec) this. title = 4the? sively this artist = artist potine this year of Release = year of releaser, ) 7; = + Risingduration In Sec du rosti on Tie Sccinto

1-0208-01

10-30567-1 vold Title1() with I blow console. Writeline ( l'awount song 1c: "+ this. title); void title 2(1) sizmon side, console: Wrate Line ("current song empty of SIFFE & SINTER MINES Class play tepadio play et virte Epublic void = off. 2Wt. switch (Bordean to item) 2Wt tris. (spurpt of 12 eleaso) 2 it (ono Frederice) to may console. Wrute line (beadig) in Proted ); no thosaub Scanned with CamScanner

19-39587-1 E clse console. Write Line ("stopped"); console. Write Line ("Radio status"); play S1 = men play(), SI.switch (true); SI. set volune (50); SI. charge channel (), SI. Switch 1 (true); S1. Play (true); SI. setvolume (100); s1-play Next(), 51. play previous ():