1) stooch Nome: - S. V. Somooth Lunas Reddy D Stoock 2) Compile error in line "Derived & de eventose" 3) Inoucesible 25 X411 39 11 12 17 2 3 1889 Short Answer Questions: 12 12000 73 9957 MONON OF O DC++ Supporte Agramic allocation and dellocation wing the new and delete operators The operators allocate wearester opiects from on bull conlied the theostone. The new greator coulls the special furthing greator new and the delete aperator call the special function. Hincingeria Streams battonsko lavos and using, nome epoce etd. Class Students 10+ 00 96; ministra 00 6 Public: pur control susollas student (): 009e(12) & 3 void get age () & contocc, valor, «condecrougli 3 int main ( ) 2. Student & bes over of my CJ?

delete pts;
seturn o;
soutput:

Age= 12

3) The Constructor which creates an object by apply wasins one for the value of criating into another object is called a copy constructor to inthis interprete to the value of criating into one of criating into of criating into other other of criating into other other other of criating into other o

roDestaco Novotac (-

> Rasumeterized constructor.

> cold constructor.

3) Diff blu Procedural ortanted Programing and object oriented Programming.

Geogramming spiect oriented brossen

Desception bedraving is open orders come tien in become to bedraving population of orders the gravity of one orders the production of orders in bedraving to be orders the orders in bedraving the bedraving the orders of the ord

have occess specefier like Polyote, Public, Poote. Cted etc.

Function is const wood (3) Adding new datas and

A Opi. Oslovejeg bodien 3) becomes bedance prices proced ou decolonally. on sweat world Ei- C, Pour carl, Dorsic, etc Ex. C+4, Januar Python. Ford burner Orbertions: 1) Explayed the theat boldua byion. bolduabyigu is constructed an one after jutations teaspares of agi austral barbronumied in C++ bolausepier ir waite Divided 1040 too ASPES i) confile time potinos phison + Jack 100 3301+ ii) Ron time polymosphism. a character to code for boldworthism. 19 2 10 51 2 20 the called solder Class Animal & ( tail 2 7 Stind 19 29 PUBLIC: 312 person sound c 15. coste ce. The animal makes as could ! In! of him most of the Charles Thinkley 70 0 Classes Pig " Public Animal & Public: void orninal sound() 8. · ( ha + 1630 + 19 ) 9 20 18 cont cc. We big sours: mee mee 10, 3 俊, Classes pag: Rublic Animal ?. poid enteren sours () contact. we do som Bon non 10,, 3

```
separate hathanest of the
8
3;
                       B) #Incude < stdio. h>
void swoop Cint BCJ, inti, inti) &.
int temp: A.Ci);
 OCIJ = ACIJ; * TOTAL TOTAL TOTAL
 ACi) = temp; &
                        ETEP most orns freely
int three way Partition Cint At I intend) ?
                        and some by world oug
int stoot = 0, mid = 0;
let binot =1;
while (mide = end) &
                            315000 17 10003
12 (& Comid) < Pilot)
                       31 2 to Rose lorming 1/00
Snoot CU' start " wig);
 ++ Stoot, ++onid;
else if (Acmid] > Pivot)
                    3 lamina Marg. 17 20
swap (H, mid, end);
                       ? tobook hymines the
3 --- end;
                    3500 Sept 19 31 3 5 100
            "01 3300
erse 2.
thmid;
                    Elmand May . Part and
                        Combined The Miles
                 and and grade made with a the
```

man the state of the

int movin () , exec ]= 81, 1, 5, 5, 0, 0, 5, 1, 5, 3; Int n= size of CA) size of (ACO)); 101-17. A) noisition ( Euro sant sont); for (inti=0; 1<0; 1++) &. boilt & C. x q. ' beil); seturn o: 20011-2" Bed 1901 2009 -3 O # include & 10 streams # include corrieg? Osto some some off. Chars name (20), advess (48); goople vauper. I'et age; all mantage (24) mitter alle bappi, ci int Salery; void input c) & coorecends; contec, nouse: " < s eng 1; cin get line (nome, 20); Contec, Use: , < cough; cins> Age; contes, bout unuper : , < < sup)? CIOSSAGEONOMERS

contec, esper: ,< < sugli. (1004, westine (advers, 40); (outer soley: " es ccerd!; cins> Salery 9.97.00191199 1) people is brow DC 4 + 1 - 10 - 1-10 - 1-10 & cout ecend! Cooter Name: '<< name ceendl; contect Age: " < e ange reend 1; contec, brown nawper : " LEVAN PER < E EUGI! Contec, Ugaser?" << Ugaser sceugli. Cout ce - Sonkers: " < < Souler Jee Guy!; 3; Class employe: Public member 2 Cras specialization (10), deportment (20); co tegns bide cost ce" in it times employe debuils it in"; wewper:: qiebparci; Couter specialization: " « specialization « centi cot ce. Debartment : , ec debartment eceuy! rold blut saleng () & Coster" in Solon to member 12: "Escaper eccudit

```
29
                             the second of the A. Black
 3
 Closes man also : Biblic Wenters.
chair execialization (20), department (20).
Public:
12 Jugol blow
8
Courte s In A EWER wowader gespile A IU.
                                          9.142.734.5
well per: ; juby " 1.
Couter, decippination: , entite cerqi;
Cin. get line (specialisation, 20);
costes, bobartwest;, eccuqi);
cin. get line (depostment, 20);
() Eudgzib biou
                                     49 tot 1964 9
cootes, in it pirtops wowader gerails it in,
 Number: : baplass (1:
Cooter" specialization: " << specialization crend!;
contes, pobostu enti, es gobartmenter engli
void display ()
Contex, in it oppose wowser generalist in, ?
 wemper: gichare 1.
 course "specialization " " se specialization cend!
conte . , ochort wall ", ce Deboutwest eccuqi;
```

Scanned with CamScanne

Void Print salery () conteciou salers of the unuper is 1, essaleración · 10-1 40-10-40-90-6 (00-100) 29 29: int movine) 4. 21 11 chart 13/20 20 25 20 20 4 4 9/2 24 subjoys 6 eronose wi e input el; w. jubor (); 120. nother 114/200 92 1 2/13/ 2/8/19 c. gizhpis O; 2 (160222 : 47207 + 40 2019 " 22 30 e AriAF Salery (); (100 , topo to 200 20 3 500 +00 10 m. display (); . W. Brigh Solens (); · Mar go all stop especially property of the of the -001/05/10/19 m The state of the s