```
Question#1:
 A.
             46.4
 B.
             15
C.
             A constructed
                              1.25
             B constructed
                                2 for identifying,
            0 (called recursively until stack overflow)
Question#2:
   A. public LogToFile() {} ______ 2
            public LogToFile(String fileName) {
              try {
                     FileWriter fw = new FileWriter(fileName);
                     BufferedWriter <u>bw</u> = new BufferedWriter(fw);
              } catch (IOException e) {
                     e.printStackTrace();
             }
           }
           try {
                    bw.write(x);
                    bw.write(" and ");
                    bw.write(%);
            } catch (IOException e) {
                    e.printStackTrace();
            }
```

}

```
B.
while(i<strArr.length) {
                        try {
                                int num = Integer.parseInt(strArr[i]);
                                numCount++;
                                System.out.println(numCount);
                        } catch (Exception e) {
                        }
                        i++;
                }
C.
static void display(ArrayList<BankAccount> ba) {
                for (BankAccount a : ba) {
                         a.display();
                 }
               }
```

QUESTION #3 (1) class Computer System ) private int SystemID; string brand ; bool status; public computer system () [ ]. 11 get 1 set . as needed. public reserve () { if (! status ) { status = true;} else ( sout ( " cannot reserve "); ]. vod release () { status = false; ]. (2) class Student ? private int student ID; string student Name; ArrayList (Computer System) assigned Systems; Student () { & nisigned Systems = new Assay List () ; ]. public bool ausign System (Computer System Cs) { if (6-gerstatus () Passigned Systems. add (cs); cs. set Status (false); return true; else { return false; }. Public bool unassign System (Computer System Cs) { if (assigned System. cortains (cs)) (assigned Systems, remove (. es); cs: set Status (true); return False; ? eke class Project } private int Project D; String Project Title; int Progress; Array List & Students Students; ArrayList (Computer Systems) Systems; public Project & students = new ArrayList (> (); systems = new ArrayList()(); public bool Assign Systems ( Computer System) ? applems add (cs); (cs. set Status (false)) if (cs.getStatus ()){ seturn true; } else ? seturn false; ]

	Work
*	public bool Assign Shidents (Students) ?
	students. add (s) s
	ochrn true; 3
d	3 // class end. [[Project]]
(q)	lookat Manages ?
	private Array List & System > System Inventory;
	Project List;
	public lab Manager () { System Inventory = new Array List <> ();
	Project List - new Array List ();
>	public add System (Computer System Cs) {
	System Inventory, add (cs);
	3
$\rightarrow$	public schedule Project (Brray List (Computer System) systems,
	Array let (Student) & hident ) {
-	
	Project newlog= new Project ();
for	(Computer System College Cs : systems) {
	new Proj. Assign System (<5);
	2
for	( Student s: Shidents) ]
	new Proj. Assign Students (s);
	3
	Project List. add ( new Proj );
	Project P; (or iterarte listof projects)
ا رد	public track Project Progress (6) 2
	sout ( Progress : 4 + P. set rogress ));
	Arraylist (Computer System) clist = P. gethystems ();
	for (Computer System es : c List.) 1
	es. display (); or display individually
	3

	Page No. 10  OUCSTION # 4  Work
(3)	abstract class Chame Objects:
141	private int x; int y;  Proof speed, float gravity;
	11 constructors
	11 gettet as needed.
	void accelerate (float speed) This speed += speed;
	void oppy (Fraing (from gravity)) this gravity += gravity }
(P)	interface Morable 9.
	uniel move (int x, int g);
	5
	interface Atlackable ?
	void lake Damage (int drng);
(0)	class main character extends Game Object implements
(1)	Movede, Attackable &
	int tIP; string alignment;
(2)	@ override
	vidrove (int x, int y) }
-/	dist = of (x - this x -) or + (y - this y) 2 3
	int time = distance / speed;
	Sout ("character moved from "+ this.x+ "," + this.y + " bu + x + "," + time + " seconds");
	this.x >x;
	This of oy;
	5
ASSESSMENT AND DESIGNATION OF THE PARTY OF T	The state of the s

S. AMISBANIS	· BILLE	Continuation Sheet	of
	@ override	Thomas Nobay no AD Early m	
V		damage) f int mod;	
(2)	if (character==	Mood) } HP = HP - dmg = 2	78
	if (character== "c	hastic good " Il character == " chas	13 - Not = 3;
-	+	TP = Hp - dmp + 1.5; Rod n	inc evic ) }
		3	nod = 1-5;
	if (character ==	"evily) } HP = HP -dmg Pg	mad - 1.3
	CO-	Shing Above	Wedet 2 13
	Sout ( 7) Attack	Strength" + drug + "modifier" +	astal transfer + bom
	+ (dm	ot mod) + "HB 4 + HD).	New Mary Take
	popular (	string Above);	
	it (Alb Y	0)	
	Throw	new Negative Exception ();	
(d)	void log Tobile ( sh	ring St. Above ) 3,	
		500 = now Buffered Writer (new)	Classifian ( 4 Damage
	bio, write.		Howner ( leg. 181
	ę	<i>y</i>	
,			
(e)	M ain Character	me = new Main Character ();	
	mc move	(121)	
(3	- tryeme box	lamabo, (999) 3	
	2 court	( Nogobire AP Exception ex)	
	δ	4 handled.	•
		5	
		1/16	

chai Therefold of  Static int num Jeople's  wid anter() of  ty of  if (numpeople & too)  numpeople to  Place  Affice  Affice  Affice  Affice  Cotch of  Cotc	Question#5
Cotch?  Cotch?  Cotch?  Cotch?  Cotch?  Cotch on Mumpeople (100)	이 얼마, 이번 남자, 유가, 이 번째로 반영으로 가져가 있었다면 그렇게 하면 하면 하면 하면 하면 하면 하면 하면 하다. 그리고 하는 사람들은 생각하다면 하다.
void anter () {  try {  if (numpeople < 100)  numpeople ++5  else  Arow foliop hon ("Thursten hull, Cannot Guten");  for the content of header  void exit () for exit  (same but on numpeople (10))  }	(B. V. H. B.
if (numpeople & 100)  numpeople ++5  else  +twow facephon (*Theoder hull, Cannot Guter');  Cotch?  Cotch?  Lendle  your facephon (*Theoder hull, Cannot Guter');  Cotch?  Cotch?  Cotch?  Cotch?  Cotch ?  Cotch ?	
rumpeople & 100)  numpeople #15  else  Alway facephon ("Thurster hull, Cannot Ender");  Cotch?  Cotch?  Leade  Void exit ()? of elean numpeople (D)  Same but an numpeople (D)	
Row Cotch?  Cotch?  Cotch?  Lendle  Void exit()? ore  (same but on numpeople (D)	on try i
Cotch?  Cotch?  Cotch?  Cotch?  Cotch?  Cotch ?	그렇게 하는 아이들 아이들 때문에 되었다. 그는 그들이 아이들이 되었다. 그는 그는 그는 그는 그는 그는 그를 하는 것을 하는 것이다.
Cotch?  Cotch?  Learnedle  Void exit()? of exercises  (same but on numpeople (D)	
Cotch?  Cotch?  Leadle  Void exit()? ore  (same but on numpeople (.0))  ?	
void exit ()? de la mompeople (D)	How forcephon ("Theater hell, Cannot Enter");
(same but on numpeople (10)	Cotch ?
(same but on numpeople (10)	3 100
(same but on numpeople (10)	Eschi)
(same but on numpeople (10)	void exit() 9 or
}	Ecomo but an numberala (D)
3	o came and an factorial
3	}
	?