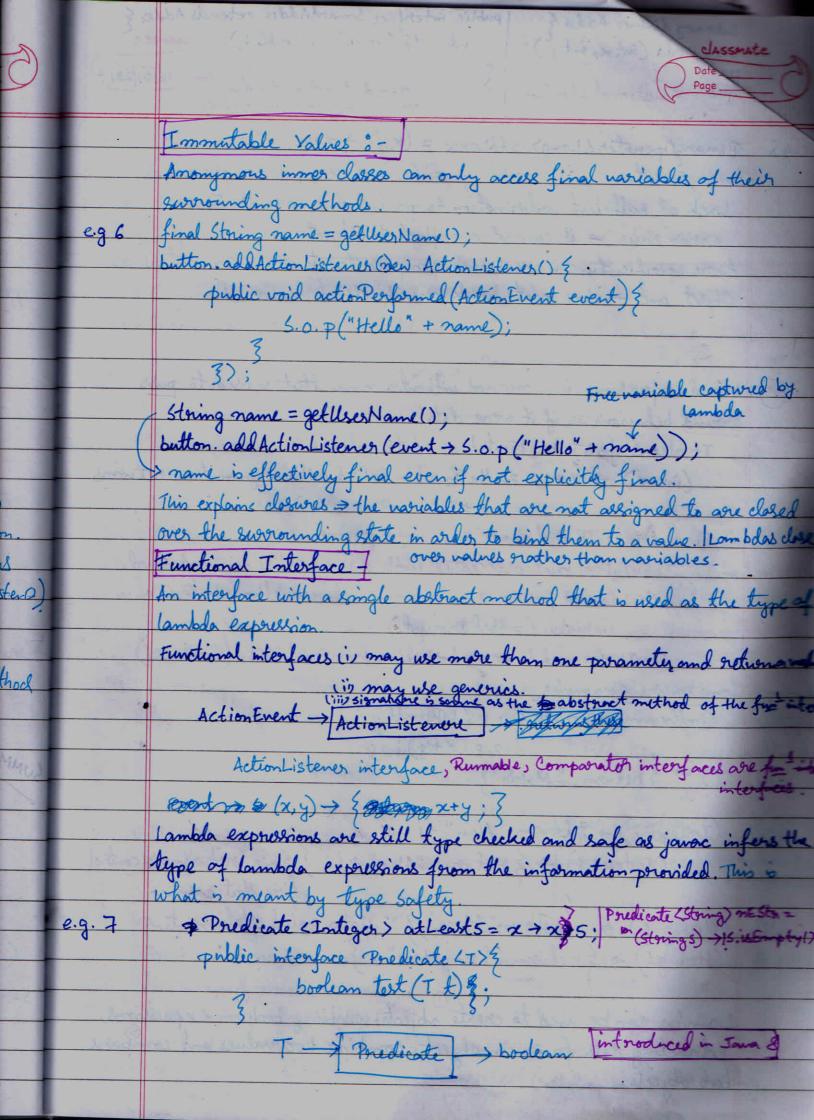
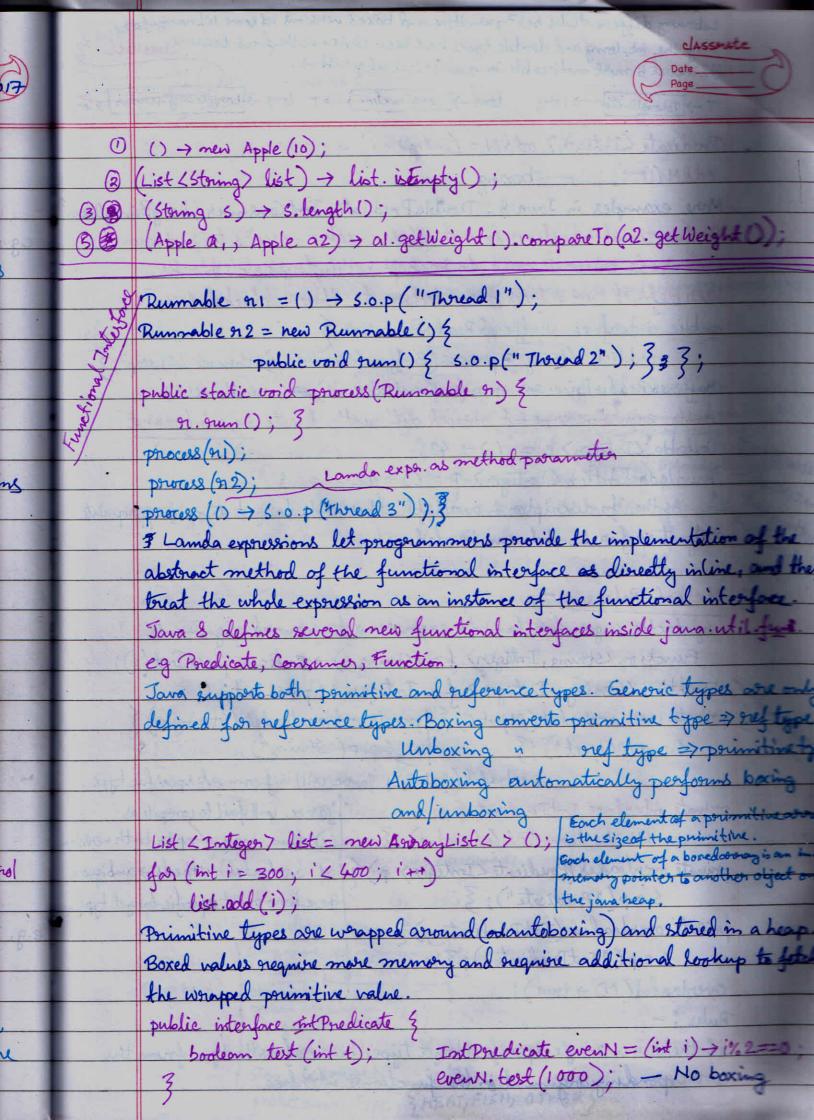
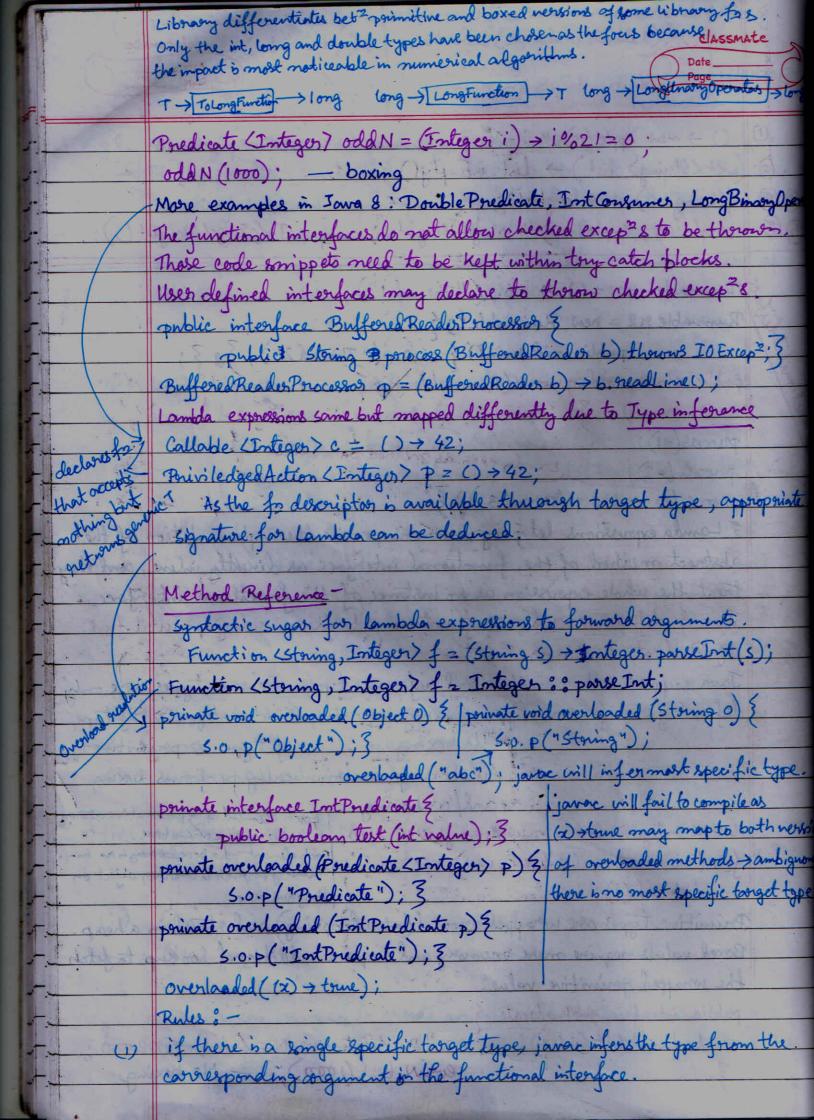
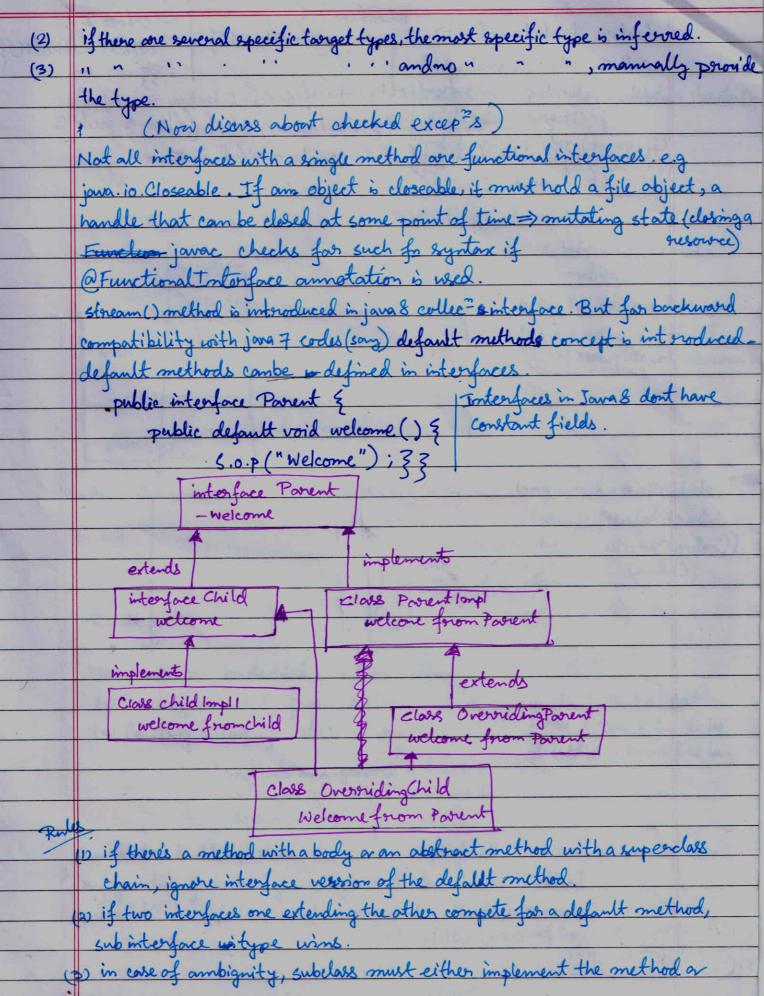
	128 3 -23	Page
	L'INTERNATION OF THE PARTY OF T	
123		FROM JAVA & PERSPECTIVE
	2	TROM JAVAO TEKSPECTIVE
		1 11
2		Lambda expression => way to represent anonymous for 8. 8
-	. e.g1	Associate behaviour with a button click
-	8	button addActionListener (new ActionListener () }
14		public woid & action Performed (Action Event (e) }
-	the s	S.o.p ("button clicked");
-	*	7 USA Statement to the later to
	Land Age 2	A referring on the of transcend Mathematical and the
		The constanct is abscure as we want to pass behaviore but we are
	The facilities of	passing objects instead.
*	Sola	button add Action isterier (event > 5.0.p ("button clicked") 3);
1	2002	Instead of passing and object of an interface, a for without a name is
		passed> separates the parameter from the body of the lambda expression.
		The transfer French in the state but in the
	and the second	The type Action Event is not mentioned in the system but javae infers
	Table and	the type of variable event from its context (signature of add Action Listes
	A AND MAN AND AND AND AND AND AND AND AND AND A	Some more varietions:
-	e.g2	Runnable no Arguments = () > 5.0.p ("Hello World");
		Lambda expression to implement Runnable interface where the only method
	(E) = (E)	grund) takes no arguments.
	e.g.3.	Action Listener one Argment = event > 5.0.p ("button clicked");
		One argument lambde - no paranthells.
	e.94.	Rumable multistatement = () + 3 5.0.p ("Hello");
	Marine	5.0.p("world"); };
		neturn a throw excep 2 s are also possible.
	0.05	Binary Operator (Long) add Explicit = (long x, long y) > x+y;
		In all these examples tye is inferred from the context just like
	A CONTRACTOR	final Storing [] avoray = { "hello", "world"};
	× .	type is inferred
-	~	using mull is another example of type inference.
1	-	using mus or anover example of type injourne.
4	=:11	



		public interface Adder & public interface SmartAdder extends Adder &
1	1. 7.53	int add (inter inty); Int add (double 4, double 6),
	10-7-12	3 1 Page 16/01/2017
		Functional interface Two dostract methods
=		
	e.g8	Binary Operator (Long) addlongs = (x,y) > x+y;
	F	Binary Operator add = (x,y) -> x+y; x compile error
n'		Lack of sufficient information to predict the correct type.
	2 3 3 4 1	errar says -> it cannot be applied to abject
1		As no specific type is mentioned, compiler treats the paramenless as
		Object and + does not work on Objects.
		The state of the s
	- 6	e time
	(F)	Lamba expressions is a method without a name that is used to pass.
		around behaviour as if it were data.
		It allows for 8 to be treated as data values like
		(int x) > x+1 => the for when called with argument ox, returns
	5.00	(m c) y+1 Manual C Ma
-	was beauti	Features: - (i) Do not have a specific name.
	Service and	realizes 11) so man nave a specific and close like a java method.
	X	(ii) Can be passed as an argument to a method or stored as a
	15 176	(11) (an be passed as an argument to a metros of the
1	The state of the s	variable (passed around)
-	Supply to the	(IV) No need to be verbose like immer classes. (Contise)
	The last last	Some more examples
Ų.	W	(int x, int y) > \(\frac{7}{3} \) \(\frac{1}{3} \) \(\frac{1} \) \(\frac{1} \) \(\frac{1}{3} \) \(\frac{1}{3} \) \
-	100	5.0.p(x+y); }
Ų	(ii)	() > 3 return " Mario "}
	1 453	(-+) and a major
-	(ii)	(Integer i) > Ithum "Alan" +i; X &
-	1 6 6	(Integer i) > { return "Alan" + i; } Since return is a control
	1 1 2 1	flow statement.
	(iv)	(Storing 5) > 7 I non Man"; 3 X Nota valid Stalement. (Storing 5) > Greturn "I grow Man"; 3
[(Storings) > Gretum "Town Mam";
		6)
		Landas can be used to create objects, writing boolean expressions,
		Landas can be used to create objects, writing boolean expressions, extracting data from an object, combine two values and compare two objects.
L		two objects.
1		







6	classmate Date Page
Short of	declare it abstract. => interface! \(\frac{1}{2} \) interface \(2 \) \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
	3 - Ambignity should be resolved following rule 3. Thus multiple inheritance of state can be avoided in Java 8.
Controller	Hamilton College to the section of t
See also	Les Comments of the Comments o
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	matthe set to make it will be to me to the first of the form to set it is