



International Baccalaureate Form 5/PDCS (HL)

Internal assessment cover sheet: computer science HL only

SUBMIT TO: **MODERATOR** ARRIVAL DATE: **20 APR / 20 OCT** SESSION:

SCHOOL NUMBER:

0	0				
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SCHOOL NAME:

- *Type or write legibly using black ink and retain a copy of this form.*
- *Complete one copy of this form to accompany each piece of work in the dossier. (A maximum of two documented programs is permitted.)*

CANDIDATE NAME: _____

CANDIDATE SESSION NUMBER:

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Problem: _____

PROGRAM/DOSSIER CHECKLIST:

- *To be completed by the candidate, teacher and moderator.*
- *Place a ✓ in the appropriate box to indicate the presence of the following:*

	Candidate	Teacher	Moderator
Table of contents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analysis of the problem	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Criteria for success	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prototype solution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Data structures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Algorithms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Modular organization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Usability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Handling errors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Code listing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Annotated hard copy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evaluation of solutions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
User documentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Documentation of mastery aspects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

International Baccalaureate

Form 5/PDCS (HL) (reverse)

SCHOOL NUMBER:

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SCHOOL NAME:

CANDIDATE NAME: _____

CANDIDATE SESSION NUMBER:

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MASTERY OF HL ASPECTS (Note: Mastery is using an aspect appropriately for some non-trivial purpose which is well documented, not just its presence in the dossier.)

	Teacher (page number)	Candidate	Teacher	Moderator
Adding data to an instance of the RandomAccessFile class by direct manipulation of the file pointer using the seek method	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deleting data from an instance of the RandomAccessFile class by direct manipulation of the file pointer using the seek method	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Searching for specified data in an instance of the RandomAccessFile class	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recursion	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Merging two or more sorted data structures	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Polymorphism	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inheritance	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Encapsulation	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Parsing a text file or other data stream	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementing a hierarchical composite data structure	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The use of any five standard level mastery factors (this can only be applied once)	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementation of ADTs	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementation of ADTs	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementation of ADTs	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementation of ADTs	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mastery factor		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I confirm that to the best of my knowledge, the material submitted is the candidate's own work.

Teacher's name: Date:

Teacher's signature: