UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS Cambridge International Diploma in ICT Foundation Level

DATABASE OPERATIONS

5185/A

Optional Module: Practical Assessment

2004

No Additional Materials are required

45 minutes and 15 minutes reading time

READ THESE INSTRUCTIONS FIRST

Candidates are permitted 15 minutes reading time before attempting the paper.

Make sure that your name, centre number and candidate number are shown on each printout that you are asked to produce.

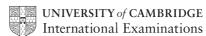
Carry out every instruction in each task.

Tasks are numbered on the left hand side of the page, so that you can see what to do, step by step. On the right hand side of the page for each task, you will find a box which you can tick (\checkmark) when you have completed the task; this checklist will help you to track your progress through the assessment.

Before each printout you should proof-read the document to make sure that you have followed all instructions correctly.

At the end of the assignment put all your printouts into the Assessment Record Folder.

This document consists of 2 printed pages.



[Turn over

You work for an international company called Hothouse Design.

You are going to work on a database of stationery orders.

The database has these field names:

Code, Product, Medium, Colour, Size, Pack, Cost, Sales and Total

1	Start yo	our database pa	ckage and	import th	ne file F	DA4DA	TA.CS	V		✓	1.1.1
	Make s	sure that the field	d names ab	ove are	used in	your da	atabase) .			
2		·								1.2.1	
	Code	Product	Medium	Colour	Size	Pack	Cost	Sales	Total		
	BITSS-67	Copier labels	Laser	White	A4	1000	15	1000	15000		
3	The rec	cord with the co	de <i>BIT</i> SS-5	58 is inco	rrectly 6	entered					2.1.1
	Make the following changes to the record with the code BITSS-58										
	Change	e the Size fro	m <i>A3</i>	to	A4						
	Change	e the <i>Pack</i> fro	m <i>600</i>	to	100						
	Orlange	o tho r don tho	000								
4		ainbow coloured for this product.	d <i>Post-it</i> n	otes are	no lor	nger av	ailable	. Delete	the		2.2.1
	record	ioi tilis product.									
You n	eed to prod	duce a list of all l	Products w	ith low sa	ales.						
5		only the records					Sales				3.2.1
6		e a report with ou have extracte		•	num O	rders \	which li	sts only	the		4.1.1
7	Save th	nis report with a	new filenaı	me and p	orint it.						5.1.1
Voun	and to proc	duce a list of all t	the records	for loop	, printon	roduc	oto.				
	eea to prod	luce a list of all t	ne records	ioriasei	printer	produc	ilS.				
8		from all the data all fields.	only the re	ecords w	here the	e Mediu	ım is La	aser			3.2.1
9		e data in the a ling order of <i>Col</i>		n ascend	ling ord	ler of F	Product	and ther	n in		3.1.1
10	the data	Produce a report with the heading Laser Printer Products which lists only the data you have extracted and sorted in steps 8 and 9. Make sure all data is shown in full. (You may need to print in landscape orientation.)							4.1.1		
11	Save th	nis report with a	new filenaı	me and p	rint it.						5.1.1

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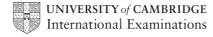
Carry out **every** instruction in each task.

Tasks are numbered on the left hand side of the page, so that you can see what to do, step by step. On the right hand side of the page for each task, you will find a box which you can tick (\checkmark) when you have completed the task; this checklist will help you to track your progress through the assessment.

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This document consists of 3 printed pages.



[Turn over

You work for an international company called Hothouse Design.

You are going to work on a database of projects in the design office.

The database has the field names:

Day Code, Date, Project, Cost Code, Cost, Number and Total

1	Start you	ur database	package and i	mport th	ne file F	DB4DA	ATA.CSV		✓	1.1.1
	Make su	ıre that the fi	eld names ab	ove are	used in	your d	atabase.			
2	Add the record:									1.2.1
	Day Code	Date	Project	Cos	st Code	Cost	Number	Total		
	6	30/05/2003	Brochure desi	gn IGF	PD	200	4	800		
3	Brochure	e Design.	placed on 19/ esign with We			·				2.1.1
	Cost	from	J	:0	85			J		
	Total	from	2160 t	0	510					
4		The entry on 22/05/2003 for Office Furniture is a mistake. Delete this record.								2.2.1
You ne	ed to produ	ıce an alpha	betical list of F	Projects	sorted l	by Date	€.			
5		Select from all the data, only the records where the <i>Cost Code</i> is IGPD Show all fields.								3.2.1
6		Sort the data in the above list in ascending order of <i>Project</i> and then in ascending order of <i>Date</i>								3.1.1
7		Produce a report with the heading Design Projects by Date which lists only the data you have extracted and sorted in steps 5 and 6.								4.1.1
8	Save this report with a new filename and print it.									5.1.1

You need to produce a list containing work scheduled on Thursdays or Fridays. (Day Code 5 represents Thursday and Day Code 6 represents Friday.)

9	Select from all the data, only the records where the <i>Day Code</i> is greater than 4	3.2.1
	Show only the fields Day Code, Date, Project and Total	
10	Produce a report that is headed End of Week Workload and lists only the data from step 9.	4.1.1
11	Save this report with a new filename and print it.	5.1.1

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