OCR RECOGNISING ACHIEVEMENT

Please read the instructions printed at the end of this form. **One** of these sheets, suitably completed, should be attached to the assessed work of **each** candidate.

Unit Title	8 Introduction to programming	Unit Code	G047	Session	Jan / June	Year	2	0	0	

Centre Name				Centre Number				

Candidate Name				Candidate Number				

Evidence: You produce , for two different programming languages, annotated program listings for a number of small, simple working programs, written by you; an annotated program listing for a working program, given to you, and written in a different language to that used in the first task; a report describing your performance in writing the working program and annotating the given program.

Criteria			Teacher Comment		Page No.
a(i).1: You use ICT tools to produce simple working programs with annotated program listings; **[0 1 2 3]**	**a(i).2:** you use some techniques – at least **one** example each of program constructs, and data manipulation, meaningful data names, correct indentation; **[4 5 6]**	**a(i).3:** you use a wide range of techniques – constructs, data types, manipulation and modularity. **[7 8]**		**Mark**	
a(ii).1: You demonstrate an understanding of components and functions of programming languages by annotating your program listings to show where you have used data types and/or input/output; **[0 1 2 3]**	**a(ii).2:** you demonstrate an understanding of components and functions of programming languages by annotating your program listings to show where you have used data types, input/output and data manipulation; **[4 5]**	**a(ii).3:** you demonstrate an understanding of components and functions of programming languages by annotating your program listings, fully and clearly, to show where you have used data types, data manipulation and modularity. **[6 7]**		**Mark**	
a(iii).1: You apply your knowledge of ICT tools and techniques to produce a working program to meet the given task; **[0 1 2 3]**	**a(iii).2:** you produce an effective solution by using appropriate program constructs, data types and data manipulation; **[4 5 6]**	**a(iii).3:** you produce an efficient solution with subroutines used in the program. **[7 8 9]**		**Mark**	
b(i).1: You use ICT tools to annotate the given program listing; **[0 1 2]**	**b(i).2:** you identify some techniques – at least **one** example each of program constructs and data manipulation; **[3 4 5]**	**b(i).3:** you identify a wide range of techniques – constructs, data types, manipulation and modularity. **[6 7]**		**Mark**	

Criteria			Teacher Comment	Page No.
b(ii).1: You demonstrate an understanding of components and functions of programming languages by annotating the program listing to show where data types and/or input/output have been used; **[0 1 2]**	**b(ii).2:** you demonstrate an understanding of components and functions of programming languages by annotating the program listing to show where data types, input/output and data manipulation have been used; **[3 4]**	**b(ii).3:** you demonstrate an understanding of components and functions of programming languages by annotating the program listing, fully and clearly, to show where data types, data manipulation and modularity have been used. **[5 6]**	**Mark**	
b(iii).1: You apply your knowledge of ICT tools and techniques by correctly annotating the given program listing; **[0 1 2]**	**b(iii).2:** you apply your knowledge of ICT tools and techniques by identifying and annotating program constructs, data types and data manipulation; **[3 4]**	**b(iii).3:** you apply your knowledge of ICT tools and techniques by identifying and annotating program constructs, data types and data manipulation subroutines in the given program. **[5 6]**	**Mark**	
c.1: You comment on the effectiveness of solutions by describing why the languages used for both programs are suited to the given tasks; you comment on your actions and role in solving the problem; **[0 1 2]**	**c.2:** you identify strengths and weaknesses in the initial solution and refine it in relation to the user's needs by suggesting **one** improvement to each of the programs; you include an analysis of your experiences in order to improve your own performance; **[3 4]**	**c.3:** you identify strengths and weaknesses in the initial solution and refine it in relation to the user's needs by suggesting **one** improvement to each of the programs and giving a valid reason for this suggestion; you include an analysis on your experiences, suggesting how you might approach a similar task in the future. **[5 6 7]**	**Mark**	
		Total/50		

If this work is a re-sit, please tick		Session and Year of previous submission	Jan / June	2	0	0	Please tick to indicate this work has been standardised internally	

Please note: This form may be updated on an annual basis. The current version of this form will be available on the OCR website (www.ocr.org.uk).
A completed Centre Authentication form CCS160 **must** accompany the MS1 when it is sent to the moderator.

Guidance on Completion of this Form

1   **One** sheet should be used for each candidate.
2   Please ensure that the appropriate boxes at the top of the form are completed.
3   Please enter *specific* page numbers where evidence can be found in the portfolio, and where possible, indicate to which part of the text in the mark band the evidence relates.
4   Circle the mark awarded for each strand of the marking criteria in the appropriate box and also enter the circled mark in the final column.
5   Add the marks for the strands together to give a total out of 50. Enter this total in the relevant box.

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G047/URS

Oxford Cambridge and RSA Examinations