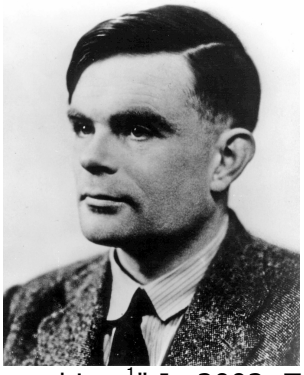
Computer Applications, Fall 2009

Lab Exercise

Exercise 1: (images and drawing menu) Design the following document

Alan Turing



Alan Mathison Turing, OBE, FRS (pronounced /ˈtjʊərɪŋ/, TYOOR-ing; 23 June 1912 – 7 June 1954), was an English mathematician, logician, cryptanalyst, and computer scientist. He was influential in the development of computer science and provided an influential formalisation of the concept of the algorithm and computation with the Turing machine. In 1999, Time Magazine named Turing as one of the 100 Most Important People of the 20th Century for his role in the creation of the modern computer, and stated: "The fact remains that everyone who taps at a keyboard, opening a spreadsheet or a word-processing program, is working on an incarnation of a Turing machine.[1]" In 2002, Turing was ranked twenty-first on the BBC nationwide poll of the 100 Greatest Britons[2]. His Turing test was a significant and characteristically provocative contribution to the debate regarding artificial intelligence.

During the Second World War, Turing worked for the Government Code and Cypher School at Bletchley Park, Britain's codebreaking centre. For a time he was head of Hut 8, the section responsible for German naval cryptanalysis. He devised a number of techniques for breaking German ciphers, including the method of the bombe, an electromechanical machine that could find settings for the Enigma machine. After the war he worked at the National Physical Laboratory, where he created one of the first designs for a stored-program computer, the ACE.

Towards the end of his life Turing became interested in chemistry. He wrote a paper on the chemical basis of morphogenesis, and he predicted oscillating chemical reactions such as the Belousov–Zhabotinsky reaction, which were first observed in the 1960s.

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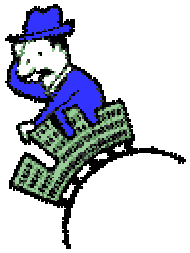
[1] "Alan Turing - Time 100 People of the Century". Time Magazine. http://www.time.com/time/time100/scientist/profile/turing.html. "The fact remains that everyone who taps at a keyboard, opening a spreadsheet or a word-processing program, is working on an incarnation of a Turing machine."

[2] BBC - 100 great British heroes.

Exercise 2: Add the clip art and format it accordingly. Using tabs adjust the columns in a straight way.

Sensation! Park



Current Prices

	Age	One Day	Season Pass
Toddler	3 & under	Free	Free
Junior	4 to 11	$19	$89.99
Adult	12 to 59	$39	$129.99
Senior	60+	$29	$99.99

Exercise 3: Design the following table document

Computer Applications – Attendance Sheet
Fall 2009

Name	Oct 20	Oct 27	Nov 3	Nov 10	Nov 17	Nov 24	Absences
Adriatik	✓	✓	×	✓	✓	✓	1
Alba	✓	×	✓	✓	✓	✓	1
Esmira	✓	✓	✓	✓	✓	✓	0
Idlir	✓	✓	✓	✓	✓	✓	0
Kleidja	✓	✓	✓	✓	×	×	2
Meti	✓	✓	✓	✓	✓	✓	0
Tani	✓	×	✓	✓	×	✓	2
Absences	**0**	**2**	**1**	**0**	**2**	**1**	**6**

Exercise 4: Design the following diagram