ISTANBUL AYDIN UNIVERSITY

Name, Surname	:		
Number	:		
Course Code	: COM117		
Course Name	: Computer Programming I		
Exam	: Quiz	Midterm	○ Final
Date	:19.11.2013		

Please make sure to write your name and student number on each paper that you have used

Question Number	1	2	3	4	Total
Mark					

Note: Exam duration is 60 minutes only.

Questions

1-(30p) It contains multiple logical and	2-(50p) Calculate the value of from the infinite			
syntax errors. Fix the errors. (It is not	series			
necessary to rewrite the entire code { simply	h h h h			
indicate your modications on the original code.)	- / 4 4 4 4 4			
/* Average.c	$\mathcal{N} = 4 + + + \cdots$			
* =======	2 5 7 0 11			
* This program scans in the scores of 100 students, some	5 5 7 5 11			
undergraduate,	Drint a table that shows the value of approximated			
* some graduate. The average grade achieved by each group,	bu and hour of this service bu two hours by the			
accurate	by one term of this series, by two terms, by three			
nrinted */	terms, and so on.			
<pre>#include <stdio.h></stdio.h></pre>	Output:			
<pre>int main()</pre>	Accuracy set at: 40			
{	term pi			
<pre>int i; /* loop counter */</pre>	1 4.000000			
int type, score; /* inputs */	2 2.666667			
*/	3 3 466667			
<pre>int gradTotal: /* sum of all scores of graduate students */</pre>	1 2 905229			
<pre>int undergradCount; /* number of undergraduates */</pre>	4 2.095250			
<pre>int gradCount; /* number of graduate students */</pre>	5 3.339683			
<pre>for (i = 0; i < 100; ++i); {</pre>	6 2.976046			
/* obtain inputs */	7 3.283738			
printt(Enter student type (I for undergrad, any other	8 3.017072			
scanf("%d", type):				
<pre>printf("Enter the students score: ");</pre>				
<pre>scanf("%d", score);</pre>				
<pre>/* update the appropriate total/counter combination */</pre>	40 3 116597			
if (type = 1); {				
undergradiotal += score;				
} else {	3-(50p) (Hollow Square of Asterisks) Write a program			
gradTotal += score;	that reads in the side of a square and then prints			
++gradCount;	that square out of asterisks. Your program should work			
}	for squares of all side sizes between 1 and 20.so that			
} /* meduce output */	itprints a hollow square. For example, if your program			
if (undergradCount > 0){	reads a size of 5, it should print			
printf("Undergraduate Average: %.3f\n".	****			
(double)undergradTotal / 100);}	* *			
if (gradCount > 0){				
<pre>printf("Graduate Average: %.3f\n",(double) gradTotal /</pre>				
100);}	* *			
recuri o;	****			
ſ	4-(10p) Draw the flowchart of factorial			
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Yrd.Doç.Dr. Oğuz Ata