Title	Assignment 1
Due	02-Mar-2012 17:00
Number of resubmissions allowed	0
Grade	**100.0 (max 100.0)**
Modified by instructor	23-Feb-2012 23:55

Instructions

This assignment is on the use of Python input and output mechanisms and tests your ability to accurately generate specified output.

You may need to use additional attributes of the print statement that control what is printed at the end of each print statement (end="\n") and separating each value in a list of values (sep=" "). For example:

```
print ("a","b","c")
```

> displays "a b c"

```
print ("a","b","c", sep="|")
```

> displays "a|b|c"

Question 1

ASCII Art is a technique to create fancy effects using simple text output.

By using only print statements in your Python code, output the following:

Do not include the blue guides - these are there simply so you can see how many spaces are between characters. Some of the backslashes (\) may need to be escaped (written as \\ instead). Search online to find out why this is necessary.

Save your program as **question1.py**

Question 2

Covering books and making labels seems so "high school" but you feel compelled to do it anyway. Maybe using your new-found programming skills will help you to bridge the gap and feel like a university student!

Write a program to take in a student's name and course number and then print out a label in the format below.

Sample Input/Output

```
    Enter the student's name:
    Ferris Bueller
```

```
Enter the course:
Computer Science 1
---------------------------------

 Name   : Ferris Bueller

 Course : Computer Science 1

---------------------------------
```

Save your program as **question2.py**

Hint: Use "\n" at the end of your input string to move to the next line before input.

Question 3

Write a program to generate a personalised spam message based on the user's full name, country and a sum of money. Use the following template for the spam message, with a blank line before the message starts.

```
Dearest <first_name>
It is with a heavy heart that I inform you of the death of my father,
General Imsofayk <last_name>, your long lost relative from Mapsfostol.
My father left the sum of <money>USD for us, your distant cousins.
Unfortunately, we cannot access the money as it is in a bank in <country>.
I desperately need your assistance to access this money.
I will even pay you generously, 40% of the amount - <money40>USD,
for your help.  Please get in touch with me at this email address asap.
Yours sincerely
John <last_name>
```

Sample IO

```
Enter first name:
Patrick
Enter last name:
Star
Enter sum of money in USD:
1234
Enter country name:
South Africa

Dearest Patrick
It is with a heavy heart that I inform you of the death of my father,
General Imsofayk Star, your long lost relative from Mapsfostol.
My father left the sum of 1234USD for us, your distant cousins.
Unfortunately, we cannot access the money as it is in a bank in South Africa.
I desperately need your assistance to access this money.
I will even pay you generously, 40% of the amount - 493.6USD,
for your help.  Please get in touch with me at this email address asap.
Yours sincerely
John Star
```

Save your program as **question3.py**

Mark Weighting

Question 1 : 35
Question 2 : 30
Question 3 : 35

Submission

This assignment does not accept online submissions. Contact your instructor for additional instructions.

Done