Question 1:

Build a simple calculator program. Give user four options :

1. Do you want to add 2 numbers
2. Do you want to multiply 2 numbers
3. Do you want to subtract 2 numbers
4. Do you want to divide 2 numbers
5 . Exit

If user enters 1,2,3 or 4 . Ask the user for two numbers .
Then print the result .
(Note if user has selected 1 then you need to add, if user has selected 2 , then you need to multiply and so on)
If user has selected 5 , then you need to exit the program.

Output:

1. Do you want to add 2 numbers
2. Do you want to multiply 2 numbers
3. Do you want to subtract 2 numbers
4. Do you want to divide 2 numbers
5 . Exit
Please enter your choice : 2
Please enter first number : 100
Please enter second number : 56
Result is : 5600

1. Do you want to add 2 numbers
2. Do you want to multiply 2 numbers
3. Do you want to subtract 2 numbers
4. Do you want to divide 2 numbers
5 . Exit
Please enter your choice : 3
Please enter first number : 20
Please enter second number : 5
Result is : 15

1. Do you want to add 2 numbers
2. Do you want to multiply 2 numbers
3. Do you want to subtract 2 numbers
4. Do you want to divide 2 numbers
5 . Exit
Please enter your choice : 5
Exiting the program. Thank .you

Question 2:

In mathematics, the Fibonacci numbers are the numbers in the following integer sequence:
0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144 .....

Note that each number in the sequence is the sum of previous two numbers .
Eg : 144 = 55+89

89 = 55+34
55 = 34+21
34 = 21+13
21 = 13+8
13 = 8+5
8 = 5+3
5 = 3+2
3= 2+1
2= 1+1
1=1+0

Your program should print the first 100 numbers in this fibonacci series.
(Note: that above given sequence has only 13 numbers in it)
(Hint: Use while loop which will run 100 times, and use addition property of fibonacci numbers)

Question 3:

Keep taking input from user in form of integer, until he enters -1 . Once he enters -1 , exit the program and print sum of all the integers.

Output:
Please enter a number (-1 to exit): 10
Please enter a number (-1 to exit): 5
Please enter a number (-1 to exit): 6
Please enter a number (-1 to exit): 4
Please enter a number (-1 to exit): 9
Please enter a number (-1 to exit): -1
Sum of all the numbers entered is : 34