BRAC UNIVERSITY

Name: (Please write in CAPITAL LETTERS)	ID:	Section: 01

1. Implement the design of the **Team** class so that the following output is produced:

	Output
#Write your code here #Do not change the following lines of code. g1=Team("Blue Badgers",3) print("1------------------------") g1.addMember("1999-Robert","2001-Jane","2003-Cassy") print("2------------------------") g1.addMember("2004-Ash") print("3------------------------") g1.printDetails() print("4------------------------") g1.printDetails("20") print("5------------------------") g2=Team("Phantom Bulls") print("6------------------------") g2.addMember("1997-Mike", "2005-Alex")	A new group Blue Badgers with 3 members has been created 1------------------------ 1999-Robert added to the list 2001-Jane added to the list 2003-Cassy added to the list 2------------------------ 2004-Ash added to the list 3------------------------ Blue Badgers 's member details: Robert Jane Cassy Ash 4------------------------ Blue Badgers 's member details: Jane Cassy Ash 5------------------------ A new group Phantom Bulls has been created 6------------------------ 1997-Mike added to the list Sorry, only people born on or before the year 2004 are allowed

2. Trace the below table and write the outputs in the question paper.

```
1.  class QuizB:
2.     def __init__(self):
3.        self.x = 2
4.        self.y = 4
5.        self.sum = 2
6.     def methodA(self, x):
7.        self.y = self.sum + self.x + x
8.        self.sum = x + self.y
9.        a = QuizB()
10.       a.sum = self.y + self.methodB(a) + self.sum
11.       print(self.x, self.y, a.sum)
12.    def methodB(self, t, z=0):
13.       y = 4
14.       t.x = self.x + self.sum
15.       self.sum = t.x + t.y + y
16.       print(t.x , t.y , t.sum)
17.       if z == 0:
18.          return t.sum
```

Write the output of the following code: q = QuizB() q.methodA(2) q.methodB(q, 88)	Output		
	10	4	2
	2	6	26
	20	6	30