Task - 11

Class A :

a1 (A) — Banani

b1 (B(A)) — Gulshan

b2 (B(A)) — Mirpur

Banani (A)

--init--

self.temp	self.sum	self.y	m	n	x
~~4~~	~~1~~	~~2~~	1	1	~~0~~
~~2~~	~~7~~	~~2~~			3
3	15	5			

methodA()

Gulshan (B (A))

--init--					methodA()		
b	self.temp	self.sum	self.y	self.x	m	n	x
None	~~4~~	~~1~~	~~2~~	1	1	2	~~0~~
	~~2~~	~~7~~	~~2~~				4
	~~1~~	~~2~~	~~5~~				
	2	~~7~~	7				
		18					

Mirpur (B(A))

(Parents) (own)

--init--					methodB()			methodA()		
b	self.temp	self.sum	self.y	self.x	m	n	y	m	n	x
Gulshan	~~4~~	~~1~~	~~2~~	~~1~~	3	2	~~0~~	6	2	~~0~~
	~~2~~	~~7~~	~~2~~	~~1~~			2			4
	3	~~21~~	10	6						
		29								

Output		
3	5	15
4	7	18
4	10	21
6	2	29

Task-12

temp	B(A)
4	x
2	0
0	0
1	1
-4	-4
-3	
-2	
-1	

a1 (A())

Banani

b1 (B(A))

Giulshan

b2 (B(A))

Badda

Banani A(())

--init--

self.sum	self.y
0 5	0 2

Giulshan(B(A))

--init--			methodB()			methodA()		
b	self.sum	self.y	m	n	y	m	n	x
None	0 0 0 0 0 18 14	0 0 0 0 -2	2	3	0 3	1 1	3 2	0 4 0 3

Badda(B(A))

--init--			methodB()			methodA()		
b	self.sum	self.y	m	n	y	m	n	x
Giulshan	0 -1 0 -8 -16	0 -1 -10	-3	-2	0 -4	-4	-4	0 -3

Output		
4	0	9
1	3	13
3	-2	14
-3	-10	-8
-4	-4	-16

Task - 13

A	B(A)
temp	x
5 4 3 2 1 0 -1 -2 -3 -4 -5 -6 -7 -8 -9 -10	4 3 2 -5

ctg
[23] [24] [7] [8] 7

x — ctg

a1 — Dhaka

b1 — Bogura

b2 — sylhet

Dhaka				
--init--		methodA()		
self.sum	self.y	m	n	x
0 5	0 1 -2 -4	1	ctg	0 26
		1	ctg	0 10

Gazipur
0 1 6

Bogura

--init--		
b	self.sum	self.y
None	0 3 2	0 0 0

Sylhet

--init--			methodB()			methodA()		
b	self.sum	self.y	m	n	y	m	n	x
Bogura	0 1 1 4 5	0 -4 -8 -10	3	2	Gazipur	-5	Gazipur	0 3

Output		
26	-2	5
3	-10	4
-5	6	5
10	-4	5

Task - 14

A	B(A)
temp	x
~~7~~	~~2~~
~~4~~	~~7~~
~~1~~	~~14~~
~~-1~~	-1
~~-4~~	
~~-2~~	
~~0~~	
2	

Mirpur	Uttara
~~32~~	~~0~~
~~33~~	~~1~~
~~11~~	6
~~12~~	
11	

x — Mirpur

a1 — Dhaka

b1 — Gulshan

b2 — Badda

Dhaka

--init--		method		
self.sum	self.y	m	n	x
~~0~~ 9	~~0~~ ~~6~~ ~~4~~ 7	2	Mirpure	~~4~~ 40
		3	Mirpur	~~4~~ 19

Gulshan

--init--		
b	self.sum	self.y
Nme	~~0~~ ~~6~~ 2	~~0~~ ~~3~~ 2

Badda

--init--			method B()			methodA()			updat_A_y
b	self.sum	self.y	m	n	y	m	n	x	val
Gulshan	~~0~~ ~~1~~ ~~2~~ ~~4~~ 9	~~0~~ ~~-2~~ ~~0~~ -3	2	3	Uttara	-1	Uttara	~~4~~ 8	0

Output		
40	4	9
8	-3	4
-1	6	9
19	7	9