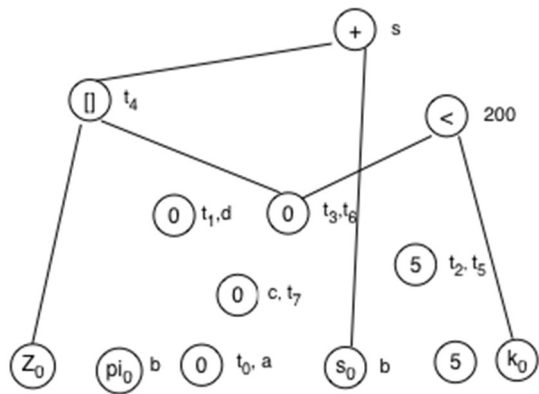
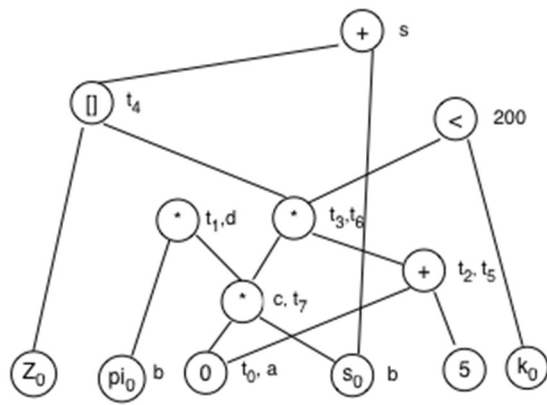


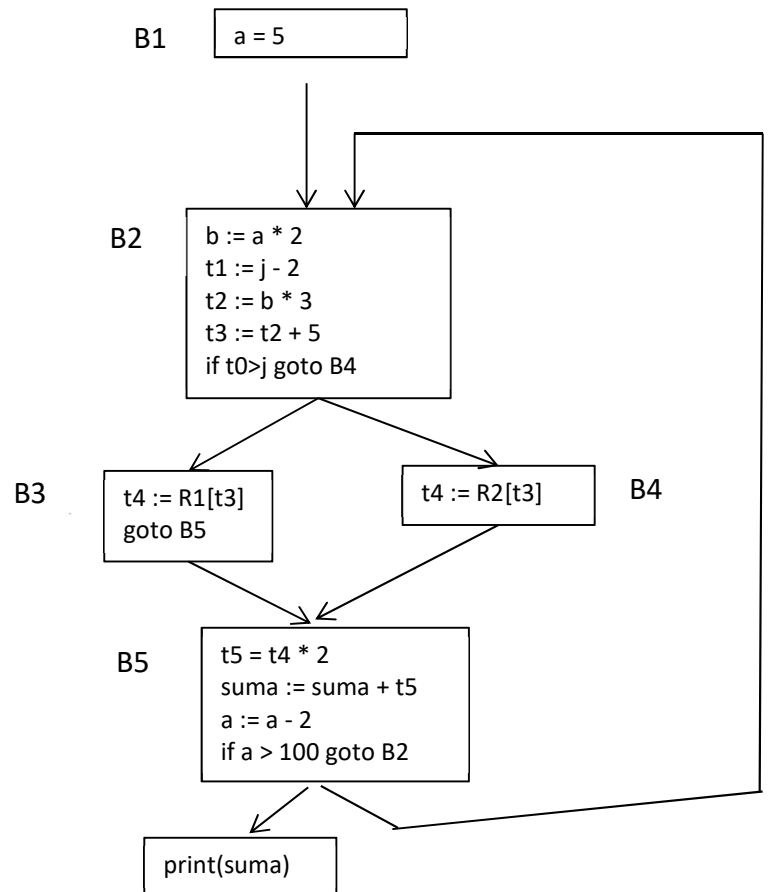
4.-



```
t4 := Z[0]
s := s + t4
if (0 < k) goto 200
```

5.-

```
(101) a = 5  
(102) b := a * 2  
(103) t1 := j - 2  
(104) t2 := b * 3  
(105) t3 := t2 + 5  
(106) if t0 > j goto 109  
(107) t4 := R1[t3]  
(108) goto 110  
(109) t4 := R2[t3]  
(110) t5 = t4 * 2  
(111) suma := suma + t5  
(112) a := a - 2  
(113) if a > 100 goto 102  
(114) print (suma)
```



Arista de retroceso: B5->B2

Bucle natural: B2, B3, B4 y B5

Código invariante: $t1 := j - 2$

Variables de Inducción: $a(a,1,0)$; $b(a,2,0)$; $t2(a,6,0)$; $t3(a,6,5)$

