Correct running results

```
-----initial variables-----
T = 17
H = 1
The Price is :
1 2 6 2 4 5 4 5 4 9 8 9 10 13 10 10 7
The Demand is :
0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 1 0
The lower bound is :
0 0 0 0 0 0 0 0 2 2 1 0 0 0 1 2 2 2
The upper bound is :
0 5 5 5 4 4 5 6 5 4 5 5 7 7 7 7 6 6

-----before apply (7)-----
At : 0 0 0 1 1 1 1 4 4 3 2 2 2 3 4 5 5
Bt : 5 5 5 5 5 6 7 7 6 7 7 9 9 9 9 9 9
-----after apply (7)-----
At : 0 0 0 1 1 2 3 4 4 4 4 4 4 4 4 5 5
Bt : 1 2 3 4 5 6 6 6 6 7 7 8 9 9 9 9 9

-----The solution of primal greedy-----
OPT : 13
The vector x is :
1 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0

-----The solution of SGT greedy-----
OPT : 13
The vector x is :
1 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0
-----Press ENTER to stop-----
```

```
-----initial variables-----
T = 17
H = 2
The Price is :
1 2 6 5 4 3 4 5 4 1 1 2 10 13 10 10 7
The Demand is :
0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 1 0
The lower bound is :
0 1 0 1 0 1 0 0 2 2 1 0 0 0 1 2 2 2
The upper bound is :
0 5 5 5 4 4 7 6 9 4 5 5 8 7 7 7 6 6

-----before apply (7)-----
At : 1 0 1 1 1 1 1 2 2 2 1 1 1 2 2 3 3
Bt : 2 2 2 2 2 2 4 3 5 3 3 3 5 4 4 4 4 4
-----after apply (7)-----
At : 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 3 3
Bt : 1 2 2 2 2 3 3 3 3 3 3 4 4 4 4 4 4

-----The solution of primal greedy-----
OPT : 5
The vector x is :
1 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0

-----The solution of SGT greedy-----
OPT : 5
The vector x is :
1 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0
-----Press ENTER to stop-----
```

```
-----initial variables-----
T = 17
H = 1
The Price is :
1 2 6 5 4 5 4 5 4 1 1 23 10 13 10 10 7
The Demand is :
0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 1 0
The lower bound is :
0 0 0 0 0 0 0 0 2 2 1 0 0 0 1 2 2 2
The upper bound is :
0 5 5 5 4 4 7 6 9 4 5 5 7 7 7 7 6 6

-----before apply (7)-----
At : 0 0 0 1 1 1 1 4 4 3 2 2 2 3 4 5 5
Bt : 5 5 5 5 5 8 7 11 6 7 7 9 9 9 9 9 9
-----after apply (7)-----
At : 0 0 0 1 1 2 3 4 4 4 4 4 4 4 4 5 5
Bt : 1 2 3 4 5 6 6 6 6 7 7 8 9 9 9 9 9

-----The solution of primal greedy-----
OPT : 12
The vector x is :
1 1 0 0 1 0 1 0 0 1 0 0 0 0 0 0 0

-----The solution of SGT greedy-----
OPT : 12
The vector x is :
1 1 0 0 1 0 1 0 0 1 0 0 0 0 0 0 0
-----Press ENTER to stop-----
```

```
-----initial variables-----
T = 17
H = 1
The Price is :
1 2 6 5 4 3 4 5 4 1 1 2 10 13 10 4 5
The Demand is :
0 0 0 1 0 1 0 1 0 1 0 2 1 0 0 1 0
The lower bound is :
0 1 0 1 0 1 0 0 2 2 1 0 0 0 1 2 0 0
The upper bound is :
0 5 5 5 4 4 7 6 9 4 5 5 8 7 7 7 8 6

-----before apply (7)-----
At : 1 0 1 1 2 2 2 5 5 5 4 6 7 8 9 8 8
Bt : 5 5 5 5 5 5 9 8 12 7 9 9 14 14 14 14 16 14
-----after apply (7)-----
At : 1 1 1 1 2 3 4 5 5 5 5 6 7 8 9 9 9
Bt : 1 2 3 4 5 6 7 7 7 8 9 10 11 12 13 14 14

-----The solution of primal greedy-----
OPT : 25
The vector x is :
1 0 0 1 1 1 1 0 1 1 1 1 0 0 0 0 0

-----The solution of SGT greedy-----
OPT : 25
The vector x is :
1 0 0 1 1 1 1 0 1 1 1 1 0 0 0 0 0
-----Press ENTER to stop-----
```

Raise Error: not satisfying function 10 (refer to experimental report)

```
-----initial variables-----
T = 17
H = 1
The Price is :
1 2 6 5 4 3 4 5 4 1 1 2 10 13 10 4 5
The Demand is :
4 10 0 1 0 1 0 1 7 1 0 2 1 9 0 1 8
The lower bound is :
0 1 0 1 0 1 0 0 2 2 1 0 0 0 1 2 0 0
The upper bound is :
0 5 5 5 4 4 7 6 9 4 5 5 8 7 7 7 8 6

-----before apply (7)-----
At : 5 14 15 15 16 16 16 19 26 26 25 27 28 38 39 38 46
Bt : 9 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17
-----after apply (7)-----
At : 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46
Bt : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

Error cause : do not satisfy (10)
```