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MATRÍCULA: 201765505ab

## QUESTÃO 1

**a)**

| LINHA | DEF | C-USO | P-USO |
|-------|-----|-------|-------|
| 1 | Credit | | |
| 2 | MINSEL | MINSEL | |
| 3 | MAXSEL | MAXSEL | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | Credit |
| 8 | | | MAXSEL, MINSEL |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | Credit |
| 15 | | | |
| 16 | | Credit | |
| 17 | | | Credit |
| 18 | | | |
| 19 | | | |
| 20 | | | |
| 21 | | | |

**b) e c)**

Baseado nos nós informados na tabela 1 do enunciado:

| Associações Def-uso | Requisitos de Teste | Entrada(s) | Saída(s) Esperada(s) |
|---|---|---|---|
| <1, (1,2), credit> | 1,2,12,13 | Credit = 0 | No coins inserted |
| <1,(8,9),credit> | 1,3,5,7,8,9,12,13 | Credit = 45 sel = 15 | Enter 5 coins |
| <1, (1,3), credit> | 1,3,4,12,13 | Credit = 1 sel = 95 | Wrong selection 95 |
| <1, (8,10), credit> | 1,3,5,7,8,10,11,12,13 | Credit = 100 sel = 10 | Take selection |
| <1,(3,4), MINSEL> | 1,3,4,12,13 | Credit = 100 sel = -85 | Wrong selection -85 |
| <1, (3,4), MAXSEL> | 1,3,4,12,13 | Credit = 100 sel = 95 | Wrong selection 95 |
| <1, (3,4), MINSEL> | 1,3,5,7,8,10,11,12,13 | Credit = 1000 sel = 20 | Take selection |
| <1, (3,5), MAXSEL> | 1,3,5,7,8,10,11,12,13 | Credit = 1000 sel = 10 | Take Selection |