```
 1 start
 2     declarations
 3         int AIY = 5 //age in year
 4         int DPW = 5 //days per week
 5         int RATES[AIY][DPW] = {30, 60, 88, 115, 140},
 6                               {26, 52, 70, 96, 120},
 7                               {24, 46, 67, 89, 110},
 8                               {22, 40, 60, 75, 88},
 9                               {20, 35, 50, 66, 84}
10         int ageInYears = 0;
11         int daysPerWeek = 0;
12         final int SENTINEL = 999
13         boolean quit = false
14
15         while (!quit)
16             Output "Please enter child's age (between 0 and 4) or 999 to QU
17             Input ageInYears
18             if (ageInYears == SENTINEL)
19                 Output "You decided to quit!"
20                 quit = true
21             else
22                 while (ageInYears < 0 OR ageInYears > 4)
23                     Output "Please enter a valid age between 0 and 4: "
24                     Input ageInYears
25                 endwhile
26                 Output "Please enter days per week: "
27                 Input daysPerWeek
28                 while (daysPerWeek < 1 OR daysPerWeek > 5)
29                     Output "Please enter a valid number between 1 and 5"
30                     Input daysPerWeek
31                 endwhile
32                 Output "Your weekly cost is: $" + RATES[ageInYears][daysPer
33             endif
34         endwhile
35 stop
```