

Questions:

How specifically is vacation balance measured? How does it work and what are the constraints?

What if two people have the same first and last name? Are we allowed to put middle names?

Create at least 10 Employees (*there should be at least 4 females and at least 4 males):

1. Name: Gabby Cocke
Age: 21
Gender: Female
Height: 5'4" = 64
Weight: 120 lbs
Body Temperature: 97°F
Pulse Rate: 60 BPM
Blood Pressure: 90 mm Hg
Respiration Rate: 13 breaths per minute
Avg. Hours of Exercise Per Week: 7
Vacation Balance: 12 days
Avg hours of work per week: 46
2. Name: Austreberto Sanchez
Age: 61
Gender: Male
Height: 5'5" = 65
Weight: 160 lbs
Body Temperature: 98°F
Pulse Rate: 110 BPM
Blood Pressure: 139 mm Hg
Respiration Rate: 26 breaths per minute
Avg. Hours of Exercise Per Week: 0
Vacation Balance: 1 day
Avg hours of work per week: 71
3. Name: John Smith
Age: 35
Gender: Male
Height: 6'2" = 74
Weight: 180 lbs
Body Temperature: 99°F

Pulse Rate: 120 BPM
Blood Pressure: 142 mm Hg
Respiration Rate: 30 breaths per minute
Avg Hours of Exercise Per Week: 7
Vacation Balance: 5 days
Avg hours of work per week: 40

4. Name: Alice Watt

Age: 43
Gender: Female
Height: 5'7" = 67
Weight: 160 lbs
Body Temperature: 100°F
Pulse Rate: 125 BPM
Blood Pressure: 143 mm Hg
Respiration Rate: 20 breaths per minute
Avg Hours of Exercise Per Week: 3
Vacation Balance: 15 days
Avg hours of work per week: 60

5. Name: Hannah Dweeb

Age: 27
Gender: Female
Height: 5'3" = 63
Weight: 160 lbs
Body Temperature: 98°F
Pulse Rate: 95 BPM
Blood Pressure: 97 mm Hg
Respiration Rate: 16 breaths per minute
Avg Hours of Exercise Per Week: 3
Vacation Balance: 11 days
Avg hours of work per week: 46

6. Name: Reed Swanson

Age: 28
Gender: Male
Height: 6'2" = 74
Weight: 180 lbs
Body Temperature: 99°F
Pulse Rate: 112 BPM

Blood Pressure: 141 mm Hg
Respiration Rate: 28 breaths per minute
Avg Hours of Exercise Per Week: 16
Vacation Balance: 15 days
Avg hours of work per week: 40

7. Name: Natalie Rose

Age: 22
Gender: Female
Height: 5'2" = 62
Weight: 124 lbs
Body Temperature: 92°F
Pulse Rate: 61 BPM
Blood Pressure: 92 mm Hg
Respiration Rate: 14 breaths per minute
Avg Hours of Exercise Per Week: 4
Vacation Balance: 12 days
Avg hours of work per week: 43

8. Name: Estrella Caldera

Age: 24
Gender: Female
Height: 5'3" = 63
Weight: 134 lbs
Body Temperature: 94°F
Pulse Rate: 60 BPM
Blood Pressure: 97 mm Hg
Respiration Rate: 13 breaths per minute
Avg Hours of Exercise Per Week: 3
Vacation Balance: 13 days
Avg hours of work per week: 49

9. Name: Max Haswell

Age: 34
Gender: Male
Height: 6'7" = 79
Weight: 210
Body Temperature: 99°F
Pulse Rate: 75 BPM
Blood Pressure: 101 mm Hg

Respiration Rate: 22 breaths per minute
Avg Hours of Exercise Per Week: 20
Vacation Balance: 1 day
Avg hours of work per week: 38

10. Name: Mike Wowski

Age: 73
Gender: Male
Height: 5'4" = 64
Weight: 157
Body Temperature: 96°F
Pulse Rate: 110 BPM
Blood Pressure: 120 mm Hg
Respiration Rate: 30 breaths per minute
Avg Hours of Exercise Per Week: 0
Vacation Balance: 13 days
Avg hours of work per week: 47

11. Name: Alex White

Age: 21
Gender: Prefer not to Respond
Height: 5'9" = 69
Weight: 170 lbs
Body Temperature: 97°F
Pulse Rate: 80 BPM
Blood Pressure: 120 mm Hg
Respiration Rate: 15 breaths per minute
Avg Hours of Exercise Per Week: 8 hrs
Vacation Balance: 8 days
Avg hours of work per week: 28 hrs

12. Name: Dolly Parker

Age: 36
Gender: F
Height: 5'4" = 64
Weight: 115 lbs
Body Temperature: 98°F
Pulse Rate: 72 BPM
Blood Pressure: 135 mm Hg
Respiration Rate: 16 breaths per minute

Avg Hours of Exercise Per Week: 1hr
Vacation Balance: 1 day
Avg hours of work per week: 40 hrs

13. Name: Jack Smith

Age: 23
Gender: Male
Height: 6'0" = 72
Weight: 160 lbs
Body Temperature: 99°F
Pulse Rate: 55 BPM
Blood Pressure: 90 mm Hg
Respiration Rate: 16 breaths per minute
Avg. Hours of Exercise Per Week: 21
Vacation Balance: 7 days
Avg hours of work per week: 40

14. Name: Harry Underwood

Age: 21
Gender: Male
Height: 6'1" = 73
Weight: 155 lbs
Body Temperature: 94°F
Pulse Rate: 62 BPM
Blood Pressure: 90 mm Hg
Respiration Rate: 10 breaths per minute
Avg. Hours of Exercise Per Week: 14
Vacation Balance: 2 days
Avg hours of work per week: 40

15. Name: Elon Husk

Age: 50
Gender: Male (He/Him)
Height: 5'11" = 71
Weight: 180 lbs
Body Temperature: 97°F
Pulse Rate: 76 BPM
Blood Pressure: 94 mm Hg
Respiration Rate: 15 breaths per minute
Avg. Hours of Exercise Per Week: 10

Vacation Balance: 1 days

Avg hours of work per week: 84