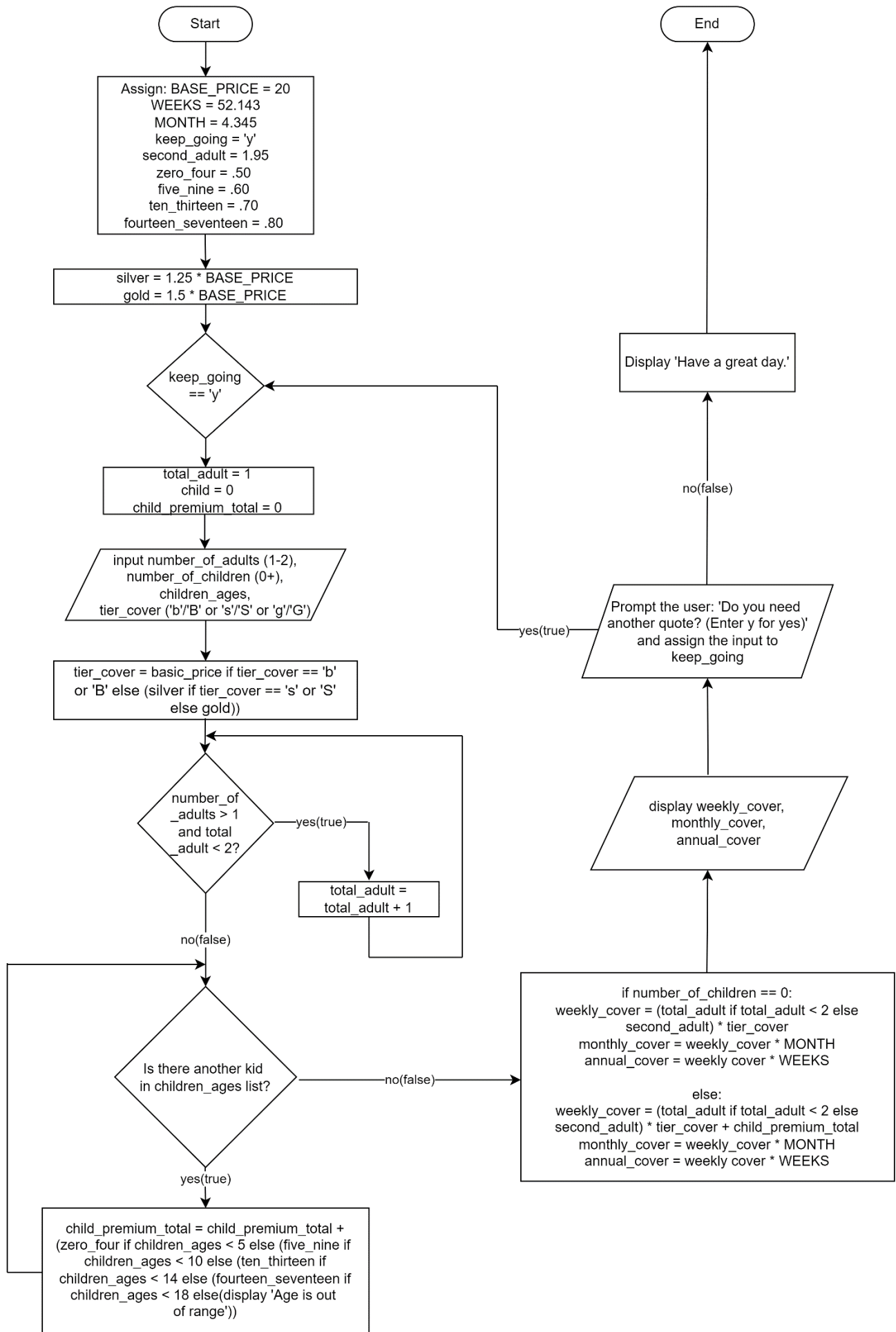


## Flowchart: Health Insurance Quote App



## Screenshots: Health Insurance Quote App

Screenshot #1: Data used were taken from the assessment instructions. Please note that the example below used 52.143 weeks per year as opposed to 52.14 weeks per year in the assessment sample code.

```
-----  
Welcome to Medicare Health Fund  
-----  
  
Let us get you a quote  
  
Enter the number of adults (1-2): 2  
Enter the number of children (0+): 4  
Enter the age of child 1: 12  
Enter the age of child 2: 13  
Enter the age of child 3: 2  
Enter the age of child 4: 5  
What tier of cover would you like? [B]asic/[S]ilver/[G]old: s  
  
Thank you. Your premium is:  
$ 111.25 per week, OR  
$ 483.38 per month, OR  
$ 5800.91 per annum  
  
Do you need another quote (y/n)? y  
  
Enter the number of adults (1-2): 1  
Enter the number of children (0+): 0  
What tier of cover would you like? [B]asic/[S]ilver/[G]old: g  
  
Thank you. Your premium is:  
$ 30.00 per week, OR  
$ 130.35 per month, OR  
$ 1564.29 per annum  
  
Do you need another quote (y/n)? n  
  
Have a great day.  
  
Process finished with exit code 0  
|
```

Screenshot #2: The screenshot shows different quotes for all tier covers based on 1 adult and 0 child.

```
-----  
Welcome to Medicare Health Fund  
-----  
  
Let us get you a quote  
  
Enter the number of adults (1-2): 1  
Enter the number of children (0+): 0  
What tier of cover would you like? [B]asic/[S]ilver/[G]old: b  
  
Thank you. Your premium is:  
$ 20.00 per week, OR  
$ 86.90 per month, OR  
$ 1042.86 per annum  
  
Do you need another quote (y/n)? y  
  
Enter the number of adults (1-2): 1  
Enter the number of children (0+): 0  
What tier of cover would you like? [B]asic/[S]ilver/[G]old: s  
  
Thank you. Your premium is:  
$ 25.00 per week, OR  
$ 108.62 per month, OR  
$ 1303.58 per annum  
  
Do you need another quote (y/n)? y  
  
Enter the number of adults (1-2): 1  
Enter the number of children (0+): 0  
What tier of cover would you like? [B]asic/[S]ilver/[G]old: g  
  
Thank you. Your premium is:  
$ 30.00 per week, OR  
$ 130.35 per month, OR  
$ 1564.29 per annum  
  
Do you need another quote (y/n)? |
```

Screenshot #3: Quotes for different tier covers with 2 adults and multiple children.

```
-----  
Welcome to Medicare Health Fund  
-----
```

Let us get you a quote

Enter the number of adults (1-2): 2

Enter the number of children (0+): 2

Enter the age of child 1: 1

Enter the age of child 2: 13

What tier of cover would you like? [B]asic/[S]ilver/[G]old: b

Thank you. Your premium is:

\$ 63.00 per week, OR

\$ 273.73 per month, OR

\$ 3285.01 per annum

Do you need another quote (y/n)? y

Enter the number of adults (1-2): 2

Enter the number of children (0+): 2

Enter the age of child 1: 17

Enter the age of child 2: 5

What tier of cover would you like? [B]asic/[S]ilver/[G]old: s

Thank you. Your premium is:

\$ 83.75 per week, OR

\$ 363.89 per month, OR

\$ 4366.98 per annum

Do you need another quote (y/n)? y

Enter the number of adults (1-2): 2

Enter the number of children (0+): 1

Enter the age of child 1: 1

What tier of cover would you like? [B]asic/[S]ilver/[G]old: g

Thank you. Your premium is:

\$ 73.50 per week, OR

\$ 319.36 per month, OR

\$ 3832.51 per annum

Screenshot #4: The screenshot shows the functionality of the app including when the user ends the program.

```
-----  
Welcome to Medicare Health Fund  
-----  
Let us get you a quote  
  
Enter the number of adults (1-2): 1  
Enter the number of children (0+): 1  
Enter the age of child 1: 1  
What tier of cover would you like? [B]asic/[S]ilver/[G]old: g  
  
Thank you. Your premium is:  
$ 45.00 per week, OR  
$ 195.52 per month, OR  
$ 2346.43 per annum  
  
Do you need another quote (y/n)? y  
  
Enter the number of adults (1-2): 2  
Enter the number of children (0+): 1  
Enter the age of child 1: 1  
What tier of cover would you like? [B]asic/[S]ilver/[G]old: g  
  
Thank you. Your premium is:  
$ 73.50 per week, OR  
$ 319.36 per month, OR  
$ 3832.51 per annum  
  
Do you need another quote (y/n)? n  
  
Have a great day.  
  
Process finished with exit code 0  
|
```

Thank you.

20/03/2023 – ITC558

Assessment 1: Decisions and Loops

Submitted by: Kayle Abesamis (11799203)