CSCI 3327
Assignment 2
Dr. Abraham

Objective: Loops, text boxes & formatted output.

Saving for future is a very necessary practice. Many of us do not know the power of compounding interest. Your assignment is to write a program that can be used to show people how much money they will have accumulated over their gainful employment period. An individual should start the account with an initial investment and then add to it every 30 days (not each month). The interest will be compounded (interest for one day added to the principle) on a daily basis. Create a table that shows yearly figures of: Age, beginning principle, Interest earned for the year, deposits for the year and ending principle. Screen captures are given below:

Future Value

Amount of Initial Depsit	2000.00
Amount of deposit every 30 days	250.00
Interest Rate per Annum	9
Age when account started	25
Age at Retirment	65

CALCULATE   PRINT   CLEAR   STOP

Age	Beg Bal	Yrly Int	Yrly Dep	Ending Bal
26	0,002,000.00	00,317.75	3,000.00	0,005,317.75
27	0,005,317.75	00,630.16	3,000.00	0,008,947.92
28	0,008,947.92	00,971.98	3,000.00	0,012,919.90
29	0,012,919.90	01,346.00	3,000.00	0,017,265.90
30	0,017,265.90	01,755.22	3,000.00	0,022,021.12
31	0,022,021.12	02,202.99	3,250.00	0,027,474.11
32	0,027,474.11	02,716.45	3,000.00	0,033,190.56
33	0,033,190.56	03,254.72	3,000.00	0,039,445.28
34	0,039,445.28	03,843.68	3,000.00	0,046,288.96
35	0,046,288.96	04,488.10	3,000.00	0,053,777.06
Age	Beg Bal	Yrly Int	Yrly Dep	Ending Bal

Future Value

Amount of Initial Depsit `2000.00`

Amount of deposit every 30 days `250.00`

Interest Rate per Annum `9`

Age when account started `25`

Age at Retirment `65`

[CALCULATE] [PRINT] [CLEAR] [STOP]

| 54 | 0,408,383.03 | 38,583.65 | 3,000.00 | 0,449,966.69 |
| 55 | 0,449,966.69 | 42,499.26 | 3,250.00 | 0,495,715.94 |

Age	Beg Bal	Yrly Int	Yrly Dep	Ending Bal
56	0,495,715.94	46,807.11	3,000.00	0,545,523.05
57	0,545,523.05	51,497.05	3,000.00	0,600,020.10
58	0,600,020.10	56,628.61	3,000.00	0,659,648.71
59	0,659,648.71	62,243.37	3,000.00	0,724,892.08
60	0,724,892.08	68,386.82	3,000.00	0,796,278.90
61	0,796,278.90	75,108.76	3,250.00	0,874,637.66
62	0,874,637.66	82,487.19	3,000.00	0,960,124.85
63	0,960,124.85	90,536.85	3,000.00	1,053,661.69
64	1,053,661.69	99,344.48	3,000.00	1,156,006.17
65	1,156,006.17	108,981.45	3,000.00	1,267,987.62