

LifeTopia

Github link: <https://github.com/AviciiKaplan/LifeSimulatorGame2>

This code for a game called life simulator allows you to live another virtual life throughout this game. It allows you to experience the K-12 school system, college and allows you to work a job and buy houses and cars.

When first running the code it asks you to enter a name for this virtual character.

```
LifeSimulatorGame (1) x
"C:\Program Files\Java\jdk-17.0.2\bin\java.exe" -javaagent:C:\Program Files\Java\jdk-17.0.2\bin\javaagent.jar
May 02, 2023 10:11:30 PM nerd.LifeSimulatorGame main
INFO: Welcome to Life Simulator Game!
Enter your character's name: |
```

After choosing a name it displays your character's stats, doing tasks and activities can raise and lower the stats on your character.

```
May 02, 2023 10:14:03 PM nerd.LifeSimulatorGame main
INFO: Hello, Caleb Cumberbatch! Let's start your life journey.
May 02, 2023 10:14:03 PM nerd.LifeSimulatorGame main
INFO:
[Age: 0 | Health: 100 | Happiness: 100 | Money: 100 | Car: null]
```

After that the game gives you a list of options to choose from. When first born you can't do anything besides aging up. So do that your press 1 the number corresponding to the option given.

```
[Age: 0 | Health: 100 | Happiness: 100 | Money: 100 | Car: null]
1.Celebrate birthday
2.Attend elementary school
3.Attend middle school
4.Attend high school
5.Attend college
6.Work a job
7.Go on a vacation
8.Eat healthy
9.Exercise
10.Display Options
11.Car Dealership
12.Star Reality
13.Quit
```

Once you turn 5 it allows you to attend elementary school by pressing 2. Once you turn 11 you can go to middle school. At the age of 14 you can attend highschool. Once 18 you can choose to go to college or work a job. If you choose college.

```
[Age: 18 | Health: 100 | Happiness: 100 | Money: 95 | Car: null]
```

```
5
```

```
May 02, 2023 10:25:40 PM nerd.LifeSimulatorGame attendCollege
```

```
INFO: You started attending college.
```

```
What degree do you want to pursue?
```

```
1. Bachelor's degree (4 years, $100,000 total cost)
```

```
2. Master's degree (6 years, $150,000 total cost)
```

```
3. Doctorate degree (8 years, $200,000 total cost)
```

```
Enter your choice:
```

```
|
```

Each degree takes a different time to complete. While in college you can pick from a few options to pass the time while in college.

```
Enter your choice:
```

```
1
```

```
Year 1 of college:
```

```
1. Study (costs $1000, increases happiness and intelligence)
```

```
2. Hang out with friends (costs $500, increases happiness)
```

```
3. Party (costs $1000, decreases happiness and increases chance of getting into trouble)
```

```
4. Enter next year
```

```
What do you want to do?
```

After graduating from college, depending on how much money you had before you might be in debt. Prompting you to now have to work.

```
You graduated from college.
```

```
May 02, 2023 10:33:12 PM nerd.LifeSimulatorGame main
```

```
INFO:
```

```
[Age: 20 | Health: 100 | Happiness: 100 | Money: -99905 | Car: null]
```

If you instead choose to work a job the career options will be lower paying and have low expectations.

```
[Age: 19 | Health: 100 | Happiness: 100 | Money: 100 | Car: null]
```

```
6
```

```
Choose a job:
```

```
1. Retail Sales Associate ($20,000, 5 happiness)
```

```
2. Food Service Worker ($25,000, 10 happiness)
```

```
3. Janitor ($30,000, 5 happiness)
```

```
4. Delivery Driver ($35,000, 10 happiness)
```

```
Enter the number corresponding to your chosen job: |
```

If you did graduate college the career options are much better and higher paying.

```
Choose a job:
1. Engineer ($80,000, 20 happiness)
2. Doctor ($120,000, 25 happiness)
3. Lawyer ($100,000, 20 happiness)
4. Teacher ($60,000, 15 happiness)
5. Software Engineer ($121,000, 15 happiness)
Enter the number corresponding to your chosen job: |
```

Now once you actually have money coming in the real game starts. By pressing 7 you can go on a vacation and get away from the business of life.

```
[Age: 33 | Health: 100 | Happiness: 100 | Money: 778600 | Car: null]
7
Where do you want to go on Vacation?
Los Angeles
1.Los Angeles
2.Los Angeles
3.Los Angeles
Enter your choice:
|
```

Option 8 and option 9 are ways to increase your health in game as it will slowly drop as you age.

```
8.Eat healthy
9.Exercise
```

Option 11 allows you to use the fully functional buy and sell car dealership. After typing 11 you will be prompted to buy a car.

```
May 02, 2023 11:14:13 PM nerd.LifeSimulatorGame main
INFO:
[Age: 33 | Health: 100 | Happiness: 100 | Money: 682770 | Car: ]
11
Please select a car:
1. 2005 Honda Civic ($3000)
2. 2011 Volvo XC60 ($7500)
3. 2014 Ford Fusion ($11500)
4. 2021 Toyota Camry ($20000)
5. 2020 Honda Civic ($23000)
6. 2018 Ford Mustang GT ($41500)
7. 2022 BMW M5 ($98750)
8. 2018 Nissan GTR ($135000)
9. 2019 Porsche 911 GT3RS ($155550)
Enter the number of the car you want to buy:
```

After buying a car the game lets you know you bought a car. And in the logger that displays your virtual characters stats a car will appear in the car category.

```
You bought a 2019 Porsche 911 GT3RS for $155550!  
May 02, 2023 11:17:49 PM nerd.LifeSimulatorGame main  
INFO:  
[Age: 33 | Health: 100 | Happiness: 100 | Money: 527220 | Car: 2019 Porsche 911 GT3RS]
```

If you already have a car, and want to buy another you can also sell your car and buy another. By pressing 11 against reopening the car dealership.

```
May 02, 2023 11:17:49 PM nerd.LifeSimulatorGame main  
INFO:  
[Age: 33 | Health: 100 | Happiness: 100 | Money: 527220 | Car: 2019 Porsche 911 GT3RS]  
11  
Do you want to sell your car? (yes/no)  
|
```

If selected yes then it will sell your car and you will be able to purchase another one if wanted. You will not get the full value but a much lower depreciated price as now the car is not new anymore.

```
Do you want to sell your car? (yes/no)  
yes  
You sold your 2019 Porsche 911 GT3RS for $62220!  
You have a .  
May 02, 2023 11:20:39 PM nerd.LifeSimulatorGame main  
INFO:  
[Age: 33 | Health: 100 | Happiness: 100 | Money: 589440 | Car: ]  
|
```

Now that you have real money, you can buy a house by typing in 12. This will open up the housing market and allow you to select from a house to buy.

```
INFO:  
[Age: 33 | Health: 100 | Happiness: 100 | Money: 589435 | Car: ]  
12  
Welcome to Star Reality  
Please Choose from our housing selection!  
Please select a house:  
1. 1234 Elm Street - 2,500 sq. ft. ($400000)  
2. 5678 Maple Avenue - 3,000 sq. ft. ($500000)  
3. 9101 Oak Boulevard - 2,800 sq. ft. ($450000)  
4. 2468 Pine Lane - 2,200 sq. ft. ($350000)  
5. 3690 Cedar Road - 2,600 sq. ft.}; ($425000)  
Enter the number of the house you want to buy:
```

After selecting the house you want you will be able to live in that house for however long you want. There is no renting or mortgages so you would have to have the full amount of money to purchase the house you want. You can sell the house by reopening the house market. It allows you to sell the house you have and buy a new one.

The last option in the game is playing the lottery. By pressing 13 you can play your luck and try to win the lottery. Chances are slim and the lottery amounts are random.