

Test Case 1 – 1

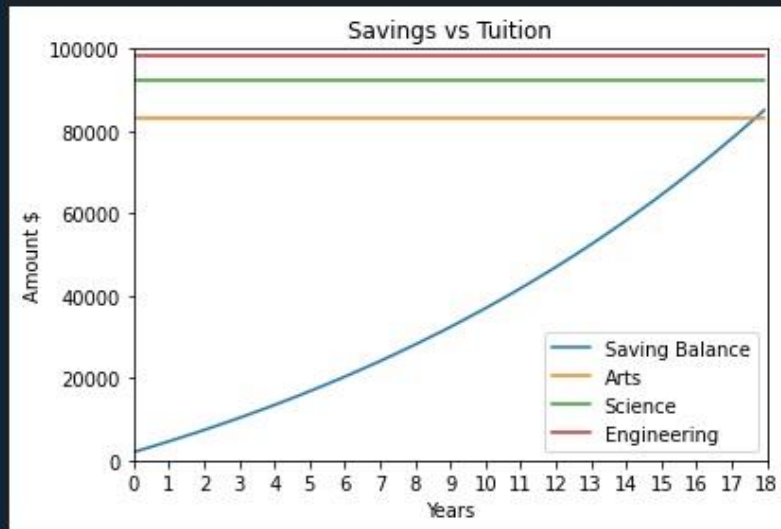
Version 1 - Solution

The savings amount is \$85035.09

The cost of the arts program is \$83287.22

The cost of the science program is \$92291.25

The cost of the engg program is \$98293.93



Version 2 - Solution

Enter a program 1.Arts, 2.Science, 3. Engineering :1

Congratulation!!! You have saved enough for the arts program

The optimal monthly contribution amount is \$196

Test Case 2 – 2

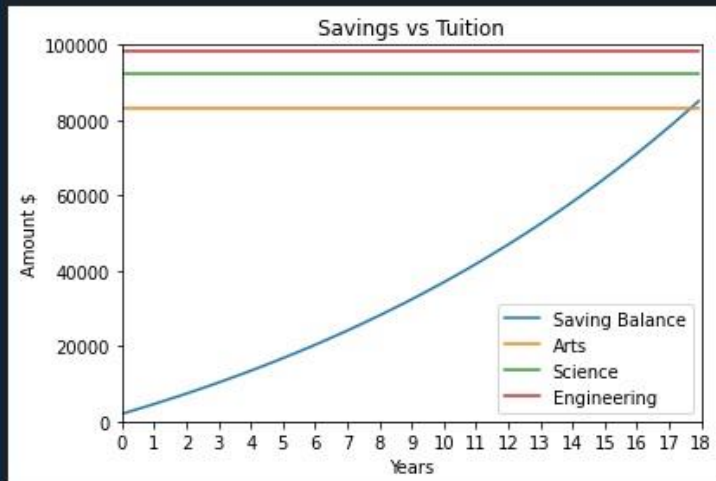
Version 1 - Solution

The savings amount is \$85035.09

The cost of the arts program is \$83287.22

The cost of the science program is \$92291.25

The cost of the engg program is \$98293.93



Version 2 - Solution

Enter a program 1.Arts, 2.Science, 3. Engineering :2

Unfortunately!!! You do not have enough saved for the science program

The optimal monthly contribution amount is \$219

Test Case 3 – 3

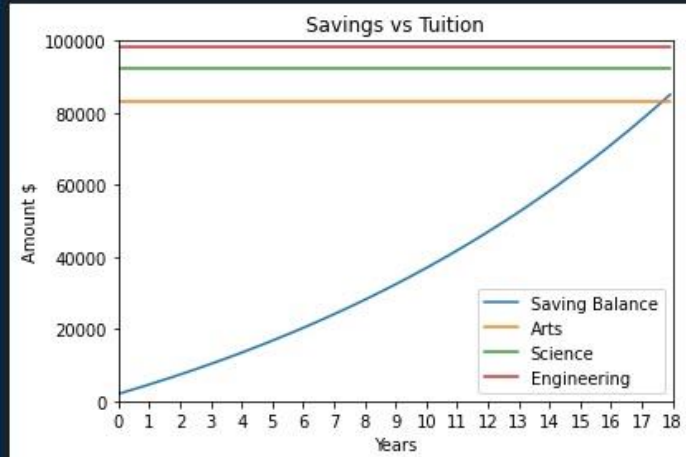
Version 1 - Solution

The savings amount is \$85035.09

The cost of the arts program is \$83287.22

The cost of the science program is \$92291.25

The cost of the engg program is \$98293.93



Version 2 - Solution

Enter a program 1.Arts, 2.Science, 3. Engineering :3

Unfortunately!!! You do not have enough saved for the engineering program

The optimal monthly contribution amount is \$234