



## Question

A programmer has been asked to write a function which will receive the age of a user (e.g. 15) and calculate their age in 50 years, returning the result back to the main program for outputting.

Write a subroutine, in pseudocode, which shows the logic of the problem above.

## Answer



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## Answer

\*\*\*There are always different ways to solve a problem. This algorithm is just an example. What is important is that the logic is correct!\*\*\*

LOGIC:

- Declare a function with a parameter
- Add 50 to the parameter value and store the result
- Return the result back to the main program
- Call the function passing 15 as an argument, ensuring the function is assigned to a variable which will receive the returned value.
- Output the returned value.

EXAMPLE ALGORITHM:

```
function ageInFifty(x)  
    answer = x + 50  
    return answer  
endfunction
```

```
result = ageInFifty(15)  
print(result)
```