

Trace

main()

<u>birthYear</u>	<u>currYear</u>	<u>annualInc</u>	<u>age</u>
① 1977	2019	10,400	42
② 1957	2019	9,400	62

<u>tax</u>	<u>maritalStatus</u>	<u>status</u>
① 540	"single"	1
② 507.6	"married"	2

single()

<u>tax</u>	<u>annualInc</u>	<u>age</u>	<u>sixty()</u>
① 0	10,400	42	false
② 540			
③			

married()

<u>tax</u>	<u>annualInc</u>	<u>age</u>	<u>sixty()</u>
0	9,400	62	true
564			
507.6			

Hand check:

$$\textcircled{1} 2019 - 1977 = 42$$

$$500 + (400 * .1) = 540$$

$$\textcircled{2} 2019 - 1957 = 62$$

$$0.06 * 9,400 = 564$$

$$564 - (564 * .1) = 507.6$$

Output

① You're single and 42 years old
Your annual income was \$10400
and you were taxed \$540.0.

② You're married and 62 years
Your annual income was 9400.0
and you were taxed \$507.6. B