

RAM DIAGRAM OF umri.cpp Program

RAM



State of the RAM before
initializing or declaring
any variable within the
program

RAM



The state of RAM when
the variable "umri" is
declared

RAM



Umri >= 18 ?

The state of the RAM
when the selection
condition is executed
due to the stored value
of age in the variable
"umri"

	RAM	
umri	19	Umri >= 18 ?
	FREE	
	FREE	
	FREE	
	FREE	
	FREE	
	FREE	
	FREE	

The state of the RAM when the user enters the value of age which is greater or equal to 18, and is stored int the variable “umri”, hence used as a condition in the selection if statements to produce an output

	RAM	
umri	12	Umri < 18 ?
	FREE	
	FREE	
	FREE	
	FREE	
	FREE	
	FREE	
	FREE	

The state of the RAM when the user enters the value of age which is less than 18, and is stored int the variable “umri”, hence used as a condition in the selection if statements to produce an output