

**Int age = 20;**

\_\_\_\_\_ |  
Data  
Type

\_\_\_\_\_ |  
Variable\_name

\_\_\_\_\_ |  
Value

A diagram illustrating variable memory allocation. At the top, the C-like assignment statement "Int age = 20;" is shown. Below it, three horizontal lines descend from the words "Data Type", "Variable\_name", and "Value" to their corresponding parts in the code. The word "Data Type" is aligned under "Int", "Variable\_name" under "age", and "Value" under "20". Below this, a large green rounded rectangle represents "RAM". Inside the RAM box, the number "20" is enclosed in a smaller green square, which is itself centered within a larger white square. The text "Reserved Memory for Variable" is positioned at the bottom of the RAM box.

20

Reserved Memory for Variable

RAM

J JavaExample.java X

```
1 package com.beginnersbook;
2 public class JavaExample{
3     public static void main(String args[]){
4         int num = 10;
5
6         /* Implicit type casting, automatic
7          * type conversion by compiler
8          */
9         long lnum = num; |
10        System.out.println(lnum);
11    }
12 }
```



Problems

@ Javadoc



Declaration



Console X

<terminated> JavaExample [Java Application] /Library/Java/Java