Data types

numeriz data hopes

int - 1 bate

short - 16 bits e bushes

boolean

char

Sloat - 0.5f; double

deemal numbers. Heat will have I

double shores 8 bytes while Pleat 4 buyles

Char. one letter

boden. true Palse

Con cateration

Joining 2 Kings together num 1 = 15 "Hello" + "World" + num / = Hello. World 15

Connents

1/ single line comments

/* multiple line comments

×

*/

Keynerdy

These words are referenced in Juna. You can not change them or ale from out of place.

Using Scarrer for User neut

import java. Util. Sconner

Sommer se = new Scanner (System.in);

Sydem. out. prints (& Enter name"); String Frame = Sc. next ();

If, It else Subaments

If (~ > 100) {

ele if (x = = 200) {};

You were elec it, when you want only one armer. eg 72 will be >70, >60 etc.

Nested 'is' statements

An if statement in an it statement.

Switch Statement

Switch statements are executed line by line and they have break' at the end of each code.

If statement found, then it will stop, if not then it will neturn defruit.

```
□ module-info.... □ MyClass.java □ ifStatement.... □ nestedifStat... □ switchStatem... 以 "3
     1 package switchStatement;
    3 public class switchStatement {
            public static void main(String[] args) {
                // TODO Auto-generated method stub char grade = 'C|';
  ê
    8
                switch(grade)
    9
                case 'A' :
   10
   11
                     System.out.println("Excellent");
   12
                     break;
                 case 'B':
   14
                     System.out.println("Very Good");
   15
                     break;
   16
17
                case 'C' :
    System.out.println("Good");
   18
                     break:
   19
   20
                          System.out.println("Error");
   22
23
                System.out.println("Your grade is " + grade);
   24
           }
  <terminated> switchStatement [Java Application] /Library/Java/JavaVirtualMachines/jdk-13.jdk/Contents/Home/bin/java (10 Nov 2019, 02:45:03)
```

'While' loop

```
| Description |
```

```
### Problems @ Javadoc & Declaration & Coracle & Table & Table
```

For loop

Arrays

```
1 package arrays;
     3 public class arrays {
            public static void main(String[] args) {
                // TODO Auto-generated method stub
int[] numbers = {5,10,15,20};
     8
                 for(int x : numbers) {
                     System.out.println(x + ",");
     9
    10
    11
   12
           }
    13
   14 }
  Problems @ Javadoc  □ Declaration □ Console  □
   <terminated> arrays [Java Application] /Library/Java/JavaVirtualMachines/jdk-13.jdk/Contents/Home/bin/java (10 Nov 2019, 22:4
```

1) Declare type of army followed by [] then name { value};
2) for (type : name) {
3) point

Break Statement

Terriades a code.

Continue Shelevert

Conditional Operator

```
旦 loopWhile.java □ doWhile.java □ arrays.java □ operatorCond... 🔐 evenNumber.java 얺 " 9
    package evenNumber;
import java.util.*;
    4 public class evenNumber {
 5
6= public static void main(String[] args) {
7     // TODO Auto-generated method stub
8     int x;
9     System.out.println("Please insert a number!!");
10     Scanner sc = new Scanner(System.in);
11     x = sc.nextInt();
  12
   13 if (x%2 ==0) {
  14 S
15 }
16 else
              System.out.println("This number is even");
  17
18 }
19 }
                {System.out.println("this number is odd");
  20
21
22
   23
  24
 Problems @ Javadoc Declaration Console 🗵
 terminated> evenNumber [Java Appication] /Library/Java/JavaVirtualMachines/jdk-13.jdk/Contents/Home/bin/java (11 Nov 2019, 13:17:39)
Please insert a number!:
 this number is odd
```