002-363	
used to store value of any data type  int gene age = 10:	7 8
data type Variable	9
float rate = 2.4821f; char initials = 'M';	10
Type (asting -	12
Type cashing is when you assign a value one primitive data type to anot type	hen 14
byle -> short -> chan -> int -> long -> float -	→ doubl
* Implicit Type cashing * Explicit Type cashing.	17
Implicit type casting is done automa by the java compiler.	
JULY         AUGUST         SEPTEMBER         OCTOBER         NOVEMBER           \$ M         T         W         T         F         S         M         T         W         T         F         S           1         2         3         4         5         6         7         8         9         10         11         12         13         4         5         6         7         8         9         10         11         12         13         14         15         16         17         18         19         20         21         13         14         15         16         17         18         19         20         21         22         23         24         25         26         17         18         19         20         21         23         24         25         26         17         18         19         20         21         22         23         24         23         23         24         23         23         24         25         26         17         18         19         10         11         12         3         4         5         6	DECEMBER

14 15 16 17 18 19 20 11 12 13 14 15 16 17 15 16 17 18 19 20 21 13 14 15 16 17 18 19

21 22 23 24 25 26 27 18 19 20 21 22 23 24 25 26 27 18 19 20 21 22 23 24 25 26 27 28 29 30 31 29 30

suplicit hupe costing is clone forcefully by the programmen. Output is I always ceiling value. Implicit type casting— System. out. println (y,+"\n"+z); 12 Enplicit Type Cashing-13 double n = 16.043; int y = (int) n; 14 System. out printen (y);

2019 Arrays Eingle Dimensional Arrayitem · Syn-datatype var Name [] = new data allo cation memory 1,2,3,4,5,63; 11 12 13 14 16 17 18

Mulh Dimensinal Array-
Multi Dimensinal Array- 20 Array-
1) The way long of TITT = 1 1 To 5
· datatype var Name[][] = new datatype [size][size];
int a[J[]= 2 \$1,2,33.
24,5,63,
£7,8,93;
a a 3x3 matrix.
·
Note-new is Reyword; used for dynamic (runtime) memory allocation.
(runtime) memory allocation:
6 0,0 0,1 0,2 a 3x3 (2D) ahrony
1 0,0 7,1 1,12 representation.
2 2,0 2,1 2,2

\*Heap Space / String enclosed Example - "Mancet", "Computer String varillame = Mon-Principire Data Type, inclex star 11 It is a class using new Reyword than at is generated string heap area. · Immutable data Type; if edited in variable previous value is Dresent in Various Functions-At (int index) · Char char length () 17 Shing stubshing link beginder begindex, intendir · boolean contains

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