Modull 1 FS-28

Mansi Sharna La Jana & DSA > under Stand 7 Approach > Code > Dey hem

> 4 | W & c/w

behy Jana? J'ans I jare cole ine/aout(108) Hardwell

> JRE Do

> JUM Jourself.
> JDK Java 1DE offline > Eclipse, Intellija, uslade guline -> kagramiz.

autput]
Input

```
vimport java.io.*;
import java.util.*;

public class Solution {
    public static void main(String[] args) {
        /* Enter your code here. Read input from STDI
    }
}
```

moin function

Sene line of p 5

Systems. out. print ("Hello");

"Soutin"

"Yesti

print"Hello World. I am here."

System.out.print("Hello World. I am here.");

ent (ine of p syntame System.out.printly (""); System.out.printly ("");

print the pattern-1

```
System.out.println("Hello");
System.out.println("World.");
System.out.println("I");
System.out.println("am");
System.out.println("here.");
```

- Type of the data. Data types int 7 Integer that I character boolian > True Follse

double Jacimal float of Integer byte of Integer

Java Primitive Type	Description	Java Data Range
int	signed 32 bits	-2147483648 to 2147483647
long	signed 64 bits	-9223372036854775808 to 9223372036854775807
float	32 bits	1.40239846e-45f to 3.40282347e+38f
double	64 bits	4.94065645841246544e-324 to 1.79769313486231570e+308

bit 1 byte > 8 sits char 7 2 bytes int 7 y bytes long -> 8 byts float > 4 bytes double 3 8 byts

boolean - 1 byte

· wit (a) = 4



Define variable

dater byse

variable name = value;

int a= 4;

byte b = 11

long l = 117

Heat f = 10.5f

double d= 100.0

char ch = 'a'; boolean b1 = true;

```
Java -cp /tmp/v6YLa6IOd8/HelloWo
4
11
117
10.5
100.5
a
true
=== Code Execution Successful ==
```

```
class HelloWorld {
     public static void main(String[] args) {
         int a = 4;
         byte b = 11;
         long 1 = 117;
         float f = 10.5f;
         double d = 100.5;
         char ch = 'a';
         boolean b1 = true;
         System.out.println(a);
          System.out.println(b);
           System.out.println(1);
            System.out.println(f);
             System.out.println(d);
              System.out.println(ch);
               System.out.println(b1);
     }
```

I Alrudy defined knywords can't be used. > can't use variable before initialization. int a; 3 declare ent a=4 > in tialization 7 follow sequence create > hir Existe > print names, can't stort with menters 7 gue logical ent flore 7 Canel case

Arishmetic Operators + > addition - > subtraction 1 7 division * 7 multiply 7. 7 modulus 7 remender 7 BODMAS b | (a+ b) 7 Brukols

49.2=0 412= 2 2) 4 (2) 8

ake input from usel variable name s = new Scanner (System.in); s. newtInt(); > 10 out y = S. nevet Int(); 790S. neutDoublel); 750.5 double d= import jenner. util. Scanner; 3 before class

20

50.5

Sum and Difference of x and y

$$(32),(23)$$

Sum = $32 + 23$
 -255

diff: = $32 - 23$

Fahrenheit and Celsius

```
32° f
```

```
Scanner s = new Scanner(System.in);
double f = s.nextDouble();

double c = (f - 32) * (5.0/9.0);
System.out.println(c);
```

Comments

single time comment > //
multi line comment > //----