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Source code printout

Pr1.1

public class pr003looppr11

{ public static void main (String[]args)

{

java.util.Scanner s = new java.util.Scanner(System.in);

System.out.println("enter number of times you want programs to repeat your name");

int number = s.nextInt();

System.out.println("enter your name(you cannot enter the space)");

String name = s.next();

System.out.println("");

for (int i = 0; i <number; i++)

{

System.out.println(name);

}

}

}

/\*

enter number of times you want programs to repeat your name

5

enter your name(you cannot enter the space)

hongjoon

hongjoon

hongjoon

hongjoon

hongjoon

hongjoon

\*/

Pr1.2

public class pr004looppr12

{ public static void main (String[]args)

{

java.util.Scanner s = new java.util.Scanner(System.in);

int start = 0;

int increment = 0;

System.out.println("type starting number"); // type variables

start = s.nextInt();

System.out.println("type increment");

increment = s.nextInt();

System.out.println("type no. of steps");

int a = s.nextInt();

for (int i = 0;i<a ;i++ ) // increment

{

System.out.print(start+" ");

start=start+increment;

}

System.out.println(" ");

}

}

/\*

type starting number

30

type increment

12

type no. of steps

10

30 42 54 66 78 90 102 114 126 138

\*/

Pr1.3

import java.util.\*;

public class pr005looppr13 {

public static void main (String [] args) {

/\*

squares and cubes

\*/

int times = 10;

int square = 0;

int cube = 0;

System.out.println("square and cube of the tirst 10 numbers.");

int number = 1;

for (int i = 0;i<times ;i++ )

{ square=number\*number;

cube=number\*number\*number;

System.out.println(square+" "+cube);

number++;

}

}

}

/\*

square and cube of the tirst 10 numbers.

1 1

4 8

9 27

16 64

25 125

36 216

49 343

64 512

81 729

100 1000

\*/

Pr1.4

public class pr007looppr14 {

public static void main (String[] args) {

System.out.println("Triangular Sequence");

int print = 0;

for(int a = 1;a<101;a++)

{

print += a;

System.out.println(print);

}

}

}

/\*

Triangular Sequence

1

3

6

10

15

21

28

36

45

55

66

78

91

105

120

136

153

173

……

4186

4278

4371

4465

4560

4656

4753

4851

4950

5050

\*/

Pr1.5

public class pr008looppr15 {

public static void main (String[] args) {

for (int a = 1;a<21;a++) // for#1 (repeat 20 times)

{

int no = 2;

for(int n = 0;n<a;n++) // for#2 (power)

{

no=no\*2;

}

System.out.println(no);

}

}

}

/\*

4

8

16

32

64

128

256

512

1024

2048

4096

8192

16384

32768

65536

131072

262144

524288

1048576

2097152

\*/

Pr1.6

public class pr009looppr16 {

public static void main (String[] args) {

java.util.Scanner s = new java.util.Scanner(System.in);

System.out.println("Fibbonaci sequence"); // 3 inputs

System.out.println("Type the first number");

int first = s.nextInt();

System.out.println("type the second number");

int second = s.nextInt();

System.out.println("enter number of terms");

int term = s.nextInt();

int temp = 0; // //3 inputs

for (int a = 1;a<term ;a++ ) // Fibbonaci sequence

{

System.out.println(first+second);

System.out.println("");

temp = first;

first = second;

second = temp+second;

}

}

}

/\*

D:\comp\java\pr>java pr009looppr16

Fibbonaci sequence

Type the first number

21

type the second number

33

enter number of terms

11

54

87

141

228

369

597

966

1563

2529

4092

\*/