Umar Khan

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CECS 100

12/3/15

Lab Array

**Code:**

**import** java.util.Scanner;

**public** **class** Array\_Lab {

**static** **public** **void** prompt()

{

System.***out***.println("Please enter a positive integer value");

}

//it does not take any parameter

//no input

//no output

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

**int** n=5;

String name[]= **new** String [100];

**int** age[]= **new** **int**[n]; //{1,2,3,4,5}

Scanner key= **new** Scanner(System.***in***);

**for**(**int** i=0; i<n; i++)

{

System.***out***.println("Please enter a student name");

name[i]=key.next();

System.***out***.println("Please enter student age");

age[i]= key.nextInt();

}

**for**(**int** i=0 ; i<n; i++)

{

System.***out***.println("name[" + i + "] = " + name[i] );

System.***out***.println("age[" + i + "] = " + age[i] );

}

/\*

\* using for loop to ask the user about the name and age

\* using output print to show the array and string name and age respectively

\*/

System.***out***.println("Student name Age");

System.***out***.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

/\*

\* made the outputs to create the table with the student name and age

\* the line is to get the names and ages under it so that the title can be differ from the body

\*/

**for**(**int** i =0; i<n; i++)

{

System.***out***.println(name[i] + " " + age[i] );

}

/\*

\* Output the name and age

\* added the spaces between it so that it aligns properly in the table

\*/

}//end of main

}//end of class

**Output:**

Please enter a student name

Umar

Please enter student age

18

Please enter a student name

Paul

Please enter student age

23

Please enter a student name

Kobe

Please enter student age

33

Please enter a student name

Dirk

Please enter student age

21

Please enter a student name

Jerk

Please enter student age

21

name[0] = Umar

age[0] = 18

name[1] = Paul

age[1] = 23

name[2] = Kobe

age[2] = 33

name[3] = Dirk

age[3] = 21

name[4] = Jerk

age[4] = 21

Student name Age

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Umar 18

Paul 23

Kobe 33

Dirk 21

Jerk 21