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\* Class:Name\_Reversal Ex11.prj,14 Pg.11.5 Author: Yin Linhai

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\* A program which reverses a string

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\* School:Sir Winston Churchill High School, Calgary, Alberta, Canada

\* Language: Java SE 7.0Target Operating System: Java Virtual Machine

\* System:Intel Celeron 3GHz running under Windows 7 IDE: Eclipse 4.2

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**import** java.util.Scanner;

**public** **class** Name\_Reversal {

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\* **@param** args

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

//Declarations

String input, output = "";

**int** length, remaining;

//class object initialization

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

//ask question and store input

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

input = scan.nextLine();

//find the length of input and set as variables

length = input.length();

remaining = input.length();

//counting down the necessary number of operations

**for** (**int** count = 0; count<length; count++) {

//reducing the charAt value

--remaining;

//adding the char to the string

output += input.charAt(remaining);

}

//print out reversed name

System.*out*.println(output.toLowerCase());

}

}