Problem 7.28

**import** java.util.\*;

**public** **class** Practice {

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

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

System.***out***.println("Enter ten integers: ");

// there are ten integers to be input, so create an array of 10 ints

**int**[] integers = **new** **int**[10];

// user inputs the ten ints

**for** (**int** i = 0; i < 10; i++){

integers[i] = input.nextInt();

}

System.***out***.println("All combinations of picking two numbers from the "

+ "list are: ");

// first number is the ten ints

**for** (**int** i = 0; i < 10; i++){

// second number is the ten ints, for each of the first ten ints

**for** (**int** j = 0; j < 10; j++){

System.***out***.print(integers[i] + " and "

+ integers[j] + ", ");

}

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

}

}

}