/\*This program will fill an array of 10 elements randomly. Your implementation //will

//help to sort this array in an ascending order and to search for a value that the user

//specifies. Random numbers can be generated from 0 to 30 exclusive. Create a //new java project named SearchandSort and create a new void main named //SearchandSort. Copy the code and finish the methods asked\*/

**import** java.util.Random;

**import** java.util.Scanner;

**public** **class** SearchandSort {

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

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

**int** searchValue;

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

//Create a random object and instantiate it here.

System.*out*.println("Enter the value to search for");

searchValue=reader.nextInt();

**for** (**int** i = 0 ; i< abc.length; i++)

{

/\*implement the code to generate a random number on each position of the array here. And show the values of the array\*/

}

/\*implement the code to use the selectionSort method to organize the array in an ascending order and print the array of elements.

Implement the code to use the search method and print it\*/

}

**public** **static** **int** search(**int**[] a, **int** Value){

/\*implement the code of search to look for the specified value\*/

}

**public** **static** **void** selectionSort(**int**[] a){

/\*implement the code for selectionSort and print each value after sorted.

**public** **static** **int** findMinimum(**int**[] a, **int** first){

/\*implement the code for findMinimum to look for the smallest value of the array\*/

}

**public** **static** **void** swap(**int** [] a, **int** x, **int** y){

/\*implement the code to swap the elements in an array.\*/

}

}